TOSHIBA

SERVICE MANUAL

COLOUR TELEVISION

F8LP Chassis

44PL93G

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CHAPTER 1 GENERAL ADJUSTMENTS

SAFETY INSTRUCTIONS

SAFETY PRECAUTION

WARNING : Service should not be attempted by anyone unfamiliar with the necessary precautions on this receiver. The following are the necessary precautions to be observed before servicing this chassis.

1. An isolation transformer should be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. When replacing a chassis in the cabinet, always be certain that all the protective devices are put back in place, such as; non-metallic control knobs, insulating covers, shields, isolation resistor-capacitor network etc.

LAMP REPLACEMENT CAUTION

When replacing the lamp of LCD projection TV, use Lamp Module Kit.
Be sure to read the caution in the instruction manual before replacing.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual and its supplements; electrical components having such features are identified by the international hazard symbols on the schematic diagram and the parts list.
Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire or other hazards.

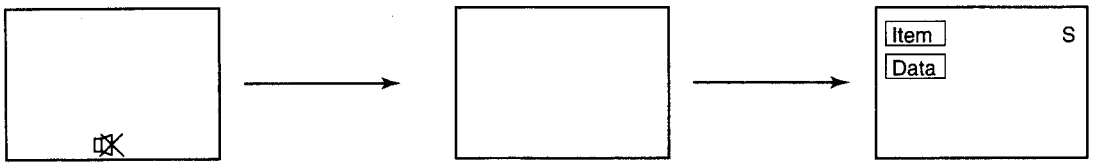
SERVICE MODE

1. ENTERING TO SERVICE MODE

1) Press 🔇 button once on Remote Control.

2) Press 🔇 button again to keep pressing.

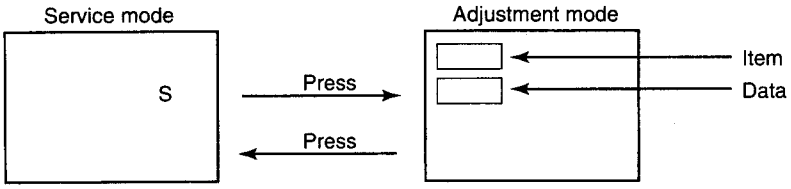
3) While pressing the 🔇 button, press MENU button on TV set.



(Service mode display)

2. DISPLAYING THE ADJUSTMENT MENU

1) Press MENU button on TV.



3. KEY FUNCTION IN THE SERVICE MODE

The following key entry during display of adjustment menu provides special functions.

Frequency of lamp replacement	CALL + RGB button
Test signal selection :	⊖ button (on Remote)
Selection of the adjustment items :	Channel ▲/▼ (on TV or Remote)
Change of the data value :	Volume ◿ +/– (on TV or Remote)
Adjustment menu mode ON/OFF :	MENU button (on TV)
Initialization of the memory (QA02) :	CALL + Channel button on TV (▲)
Reset the count of operating protect circuit to "00":	CALL + Channel button on TV (▼)
"CSBRT" selection :	1 button
"SRY" selection :	2 button
"SBY" selection :	3 button
"SCNT" (or "CNTX") selection :	4 button
"SCOL" (or "OTHER") selection :	5 button– – – – Color thickness correction
"TNTO" selection :	6 button note: Displayed differently as shown below, de-
Test audio signal ON/OFF (1kHz) :	8 button pending on the setting of the receiving color
Self diagnostic display ON/OFF :	9 button system.
	COLP (PAL)
	SCOL (NTSC)
	COLS (SECAM)

CAUTION : Never try to perform initialization unless you have changed the memory IC.

4. SELECTING THE ADJUSTING ITEMS

1) Every pressing of CHANNEL ▲ button in the service mode changes the adjustment items in the order of table-2. (▼ button for reverse order)

Refer to table-2 for preset data of adjustment mode. (See SETTING & ADJUSTING DATA on page 14)

5. ADJUSTING THE DATA

1) Pressing of VOLUME +/– button will change the value of data in the range from 00H to FFH. The variable range depends on the adjusting item.

6. EXIT FROM SERVICE MODE

1) Pressing POWER button to turn off the TV once.

■ INITIALIZATION OF MEMORY DATA OF QA02

After replacing QA02, the following initialization is required.

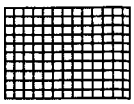
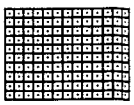
1. Enter the service mode, then select any register item.
2. Press and hold the CALL button on the Remote, then press the CHANNEL ▲ button on the TV. The initialization of QA02 has been complated.
3. Check the picture carefully. If necessary, adjust any adjustment item above. Perform "Auto search Memory" on the owner's manual.

CAUTION: Never attempt to initialize the data unless QA02 has been replaced.

7. TEST SIGNAL SELECTION

1) Every pressing of ⊖ button on the Remote Control changes the built-in test patterns on screen as described below in SERVICE MODE.

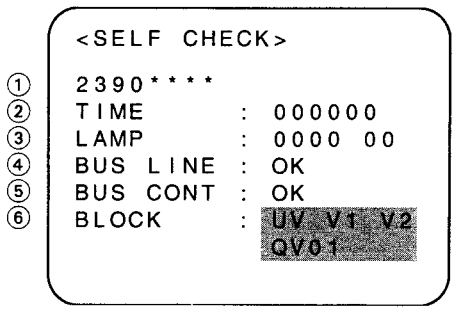
Signal off ⟶ NTSC signals (14 patterns)
⟵ PAL signals (14 patterns) ⟵

Signals	Picture
• Red raster • Green raster • Blue raster • All Black • All White	
• Black & White	
• Black cross-bar • White cross-bar • Black cross-bar on green raster	
• Black cross-hatch • White cross-hatch	
• Black cross-dot • White cross-dot	
• H signal (white) • H signal (black)	

* The signals marked with ▩ are not usable to display in the Test signal for some model.

8. SELF DIAGNOSTIC FUNCTION

1) Press "9" button on Remote Control during display of adjustment menu in the service mode.
   The diagnosis will begin to check if interface among IC's are executed properly.
2) During diagnosis, the following displays are shown.



Indicated color of mode now selected : Green and Red
Indicated color of other modes : White

Green : Normal
Red : The microcomputer operates to provide judgement of no video signal. The red color is still indicated though the signal is input, failure may exist in input signal line including QV01.
QV01 : In case of indication green ---Normal
In case of indication red with input signal----
Failure may exist in output line including QV01.

NOTE: Component which controls character display on screen is QF01 (TELETEXT IC). If this display function fails to operate due to damage of QF01, self diagnosis procedure is as follows.
(1) In case that power indicator is blinking with interval of 0.5 seconds, it means protecting circuit (Current limiter) is operating, and circuit components may possibly be damaged. Check related components.
(2) In case that power indicator is blinking with interval of 1 second, Protecting circuit does not operate, but a part of Bus line does not operate normally. Check Bus line.

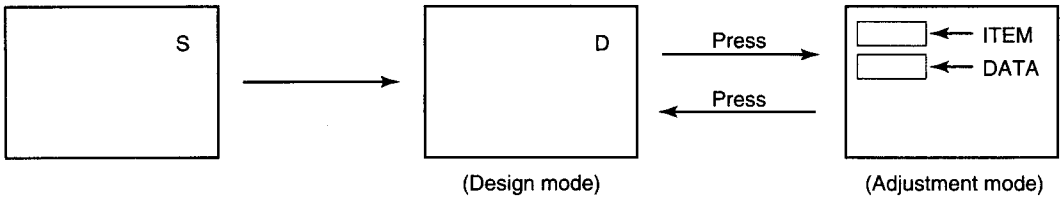
① Part number of microcomputer (QA01)
② Toral hour of turn the TV on.
(unit: H, Max. 999999H)
③ Showing the operation hour of lamp.
(unit H, Max. 9999H)
LAMP : 0000 00
Frequency of lamp replacement.
(0~99)
Showing a count 1 by "CALL + RGB" button in "Service mode."
④ BUS LINE CHECK----"OK" is normal.
"SDA1-GND" ---------- SDA-GND short circuit.
"SCL1-GND" ---------- SCL-GND short circuit.
"SCL1-SDA1" --------- SCL-SDA short circuit.
⑤ BUS CONT --- "OK" is normal.
When indication shows "NG Q000", the device with the number may possibly be damaged.
⑥ BLOCK
UV : TV reception mode
V1 : VIDEO 1 input mode (-Ⓒ1)
V2 : VIDEO 2 input mode (-Ⓒ2)

* The items marked with ▩ are not usable to display in the SELF DIAGNOSTIC FUNCTION for some model.

DESIGN MODE

1. ENTERING TO DESIGN MODE

1) Select the Service mode. 2) While pressing CALL button on Remote and press MENU button on TV. 3) Press MENU button on TV.



When QA02 is initialized, items "OPT0" and "OPT1" of DESIGN MODE are set to the data of the representative model of this chassis family.
Therefore, because ON-SCREEN specification remains in the state of the representative of model. This model is required to reset the data of items "OPT0" and "OPT1".

2. SELECTING THE ADJUSTING ITEMS

Every pressing of CHANNEL ▼ button in the design mode changes the adjustment items in the order of table-3.
(▲ button for reverse order)

Refer to table-3 for data of design mode.
(See SETTING & ADJUSTING DATA on page 14)

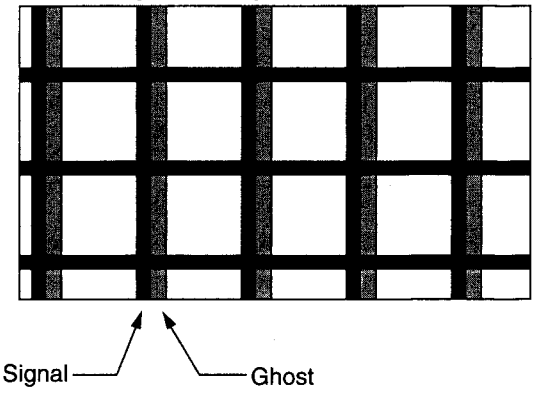
3. ADJUSTING THE DATA

Pressing of VOLUME ▲ or ▼ button will change the value of data.

ELECTRICAL ADJUSTMENTS
(Reference factory adjustment)

F8LP Series

ITEMS OF ADJUSTMENT	INPUT POINT OUTPUT POINT	ADJUSTING SIGNAL	ADJUSTING CONDITIONS AND PROCEDURES
Vertical phase (VPOS)	Visual adjustment by pattern (BUS control)	WG Phillips pattern Do not use Phillips pattern of FRANCE SECAM	Make adjustment by the SUB address [VPOS] so that the top and bottom position of a circle of Phillips pattern comes to the center.
Horizontal phase (HPOS)	Visual adjustment by pattern (BUS control)	WG Phillips pattern Do not use Phillips pattern of FRANCE SECAM	Make adjustment by the SUB address [HPOS] to enable the vertical bars on the left and right of the Phillips pattern look equal.
Bright DC adjustment ([BRTC])	Visual adjustment by pattern (BUS control) (Set state: Dynamic)	Sub-bright signal (UK 23 ch)	① Select [BRTC] by adjusting mode. ② Check the number of blackened pieces by eyesight [3 ± 1.5] bars.
Sub-bright ([CSBRT]) and white balance adjustment	W/B checker (BUS control) (Set state: Dynamic)	[CSBRT] Adjusting signal (100% totally white signal)	① Enter SBRT adjusting signal into Video 1. ② Install W/B checker onto the screen. ③ Select [CSBRT] by adjusting mode. (The data of [CSBRT] is changed from the initial value to 52 by a microcomputer and the screen brightness becomes MAX.) ④ Record the brightness then and calculate 70% of that value. (For example, if the brightness data is 200c d/m², it becomes 140c d/m².) ⑤ Adjust the [CSBRT] data so that it becomes about the same as the value of 70%. (When the data is adjusted, the data of [CSBRT] returns to its initial value, and the screen brightness declines.) ⑥ Check and make sure that the x, y data of the W/B meter remain within the following ranges. x = [0.291 ~ 0.317] y = [0.300 ~ 0.360]

ITEMS OF ADJUSTMENT	INPUT POINT OUTPUT POINT	ADJUSTING SIGNAL	ADJUSTING CONDITIONS AND PROCEDURES
Ghost adjustment (GHST)	Visual adjustment by pattern (BUS control) (Set state:)	Crosshatch signal (E 4 ch)	① Enter into GHST adjusting mode. ② Make adjustment by moving the data up and down so that ghost does not appear on the left or the right of the screen's vertical lines. * The ghost mentioned here is a shade that appears at the 6th picture element right or left of the picture signal on the screen. (See the following figure) Ghost image (In case ghost appears on the right) 
Flicker adjustment (FLICK)	Visual adjustment by pattern (BUS control) (Set state:)	Retma signal (E 7 ch)	① Enter into FLCK adjusting mode. ② Move the FLCK data up and down to minimize the flicker on the screen.

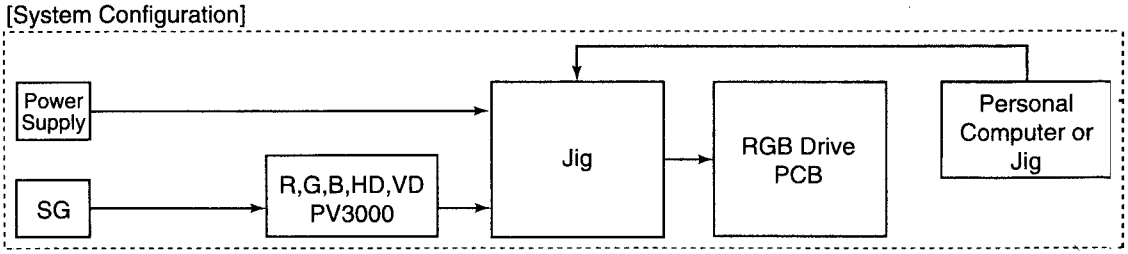
ITEM	NAME	SETTING	INPUT SIGNAL	MEASURING POINT	MEASURING INSTRUMENT	ADJUSTING CONDITIONS AND PROCEDURES	ADJUSTING STANDARD
BELL	BELL Filter	———	SECAM Color bar (E 2 ch)	QQ01#21 (BELL monitor) TP-2 (Prepare for VCD and SIGNAL)	Synchro	① If BELL is selected, color signal is output from BELL monitor output. ② Vary BELL (adjust at a white part) by Synchro so that waveform becomes flat.	100 ± 10% (equal to conventional value)
SBY	SECAM B-Y Black level	Contrast :MAX Bright :CNT Color :CNT *Selectable picture :Dynamic	SECAM Color bar (E 2 ch)	Q522Emitter TP46B (Prepare for VCD and SIGNAL)	Synchro	① Adjust the level of black-and-white signal to the level of H.BLK. Make the adjustment after adjusting COLS, BELL .	0 ± 40mV
SRY	SECAM R-Y Black level	Contrast :MAX Bright :CNT Color :CNT *Selectable picture :Dynamic	SECAM Color bar (E 2 ch)	Q520Emitter TP46R (Prepare for VCD and SIGNAL)	Synchro	① Adjust the level of black-and-white signal to the level of H.BLK. Make the adjustment after adjusting COLS , BELL .	0 ± 40mV
SCNT	Sub-contrast	Contrast :MAX Bright :CNT Color :CNT *Selectable picture :Dynamic	Sub-bright Signal (UK 23 ch)	Q520Emitter TP46R (Prepare for VCD and SIGNAL)	Synchro	① Select SCNT and adjust the amplitude from the pedestal level to the white peak.	2.10 ± 0.1V(p-p)
COLP	Sub-color Center PAL	Contrast :MAX Bright :CNT Color :CNT *Selectable picture :Dynamic	PAL sub-bright signal (UK 23 ch)	Q522Emitter TP46B (Prepare for VCD and SIGNAL)	Synchro	① Select COLP . ② Adjust the amplitude of the color bar. (P-P value of upper half) ③ Make the adjustment after adjusting SCNT .	*P-P value of upper half 1.80 ± 0.1V(p-p)
COLS	Sub-color Center SECAM	Contrast :MAX Bright :CNT Color :CNT *Selectable picture :Dynamic	SECAM Color bar (E 2 ch)	Q522Emitter TP46B (Prepare for VCD and SIGNAL)	Synchro	① Select COLS . ② Adjust the amplitude of the color bar. (P-P value of upper half) ③ Make the adjustment after adjusting SCNT .	*P-P value of upper half 1.90 ± 0.1V(p-p)

ITEM	ADJUSTING METHODS AND STANDARD VALUES
RGB DRIVE PC BOARD	① Connect the output signals (R, G, B, HD, VD) and I²C bus lines of the ED Scan Converter (PV3000) to the terminal block. Input signal is [White 100% raster signal]. ② Start I²C communication with the jig. ③ Make adjustment of items 1~7. (Regarding items 1~4, and 6, adjust the positive and negative levels after varying the level of input signal (points indicated by → [arrow mark] in Fig.1])

For adjusting waveforms, refer to Figs.1, 2, and 3.

	Item	Measured Terminals	Measured Spots	Symbols	Adjusting Methods/Adjusted Values
1	R+ Center	R+	R9992	SIGCTR	Adjust the R+ waveform as shown in Fig.1 by oscilloscope Adjusted value 6.50V ± 0.01V
2	R-Center	R-	R9375	RSIGC	Adjust the R- waveform as shown in Fig.1 by oscilloscope Adjusted value 6.50V ± 0.01V
3	G-Center	G-	R9751	GSIGC	Adjust the G- waveform as shown in Fig.1 by oscilloscope Adjusted value 6.50V ± 0.01V
4	B-Center	B-	R9752	BSIGC	Adjust the B- waveform as shown in Fig.1 by oscilloscope Adjusted value 6.50V ± 0.01V
5	R1+Center	SIGC	R9750	SIGC	Adjust the voltage of SIGC land by a digital voltmeter Adjusted value 6.50V ± 0.01V
6	R1 Center	R1	R9754	CVB+	Adjust the R1 waveform as shown in Fig.2 by oscilloscope Adjusted value 5.00V ± 0.01V
7	Black limiter	R+	R950	BLKLIM	Adjust the R+ positive waveform as shown in Fig.3 by oscilloscope Adjusted value 2.0V ± 0.1V

[System Configuration]



ITEM	ADJUSTING METHODS AND STANDARD VALUES
RGB DRIVE PC BOARD	

Fig. 1 Adjusted Waveform

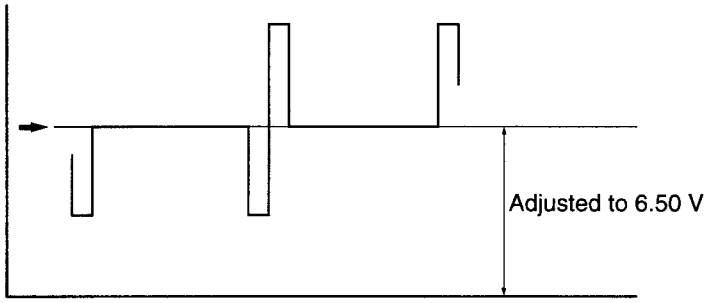


Fig. 2 Adjusted Waveform

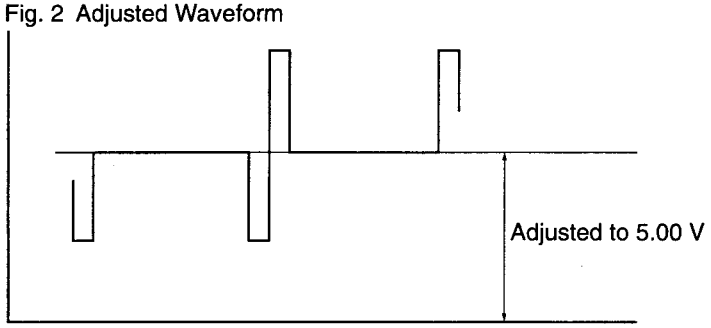
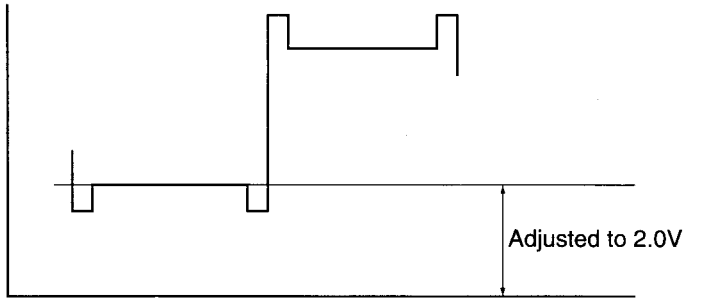
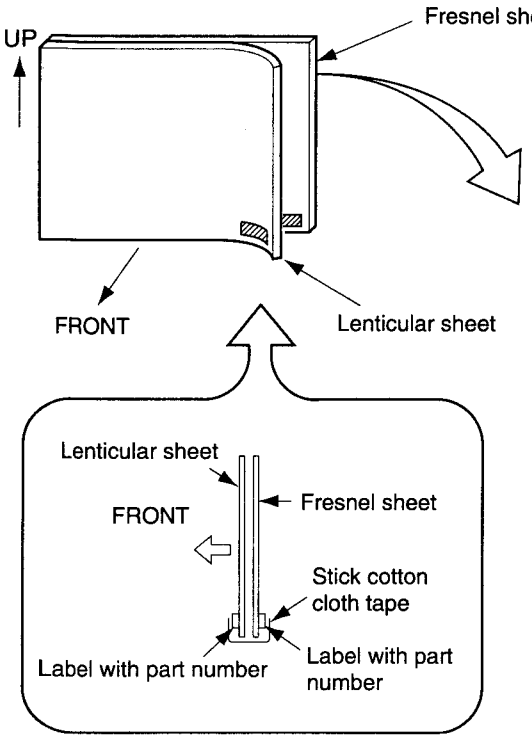


Fig. 3 Adjusted Waveform

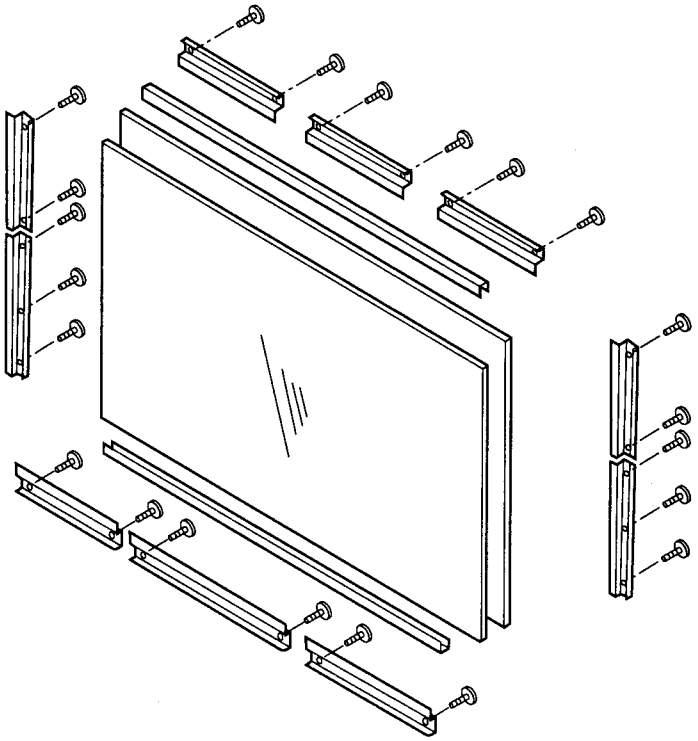


SCREEN AND MIRROR ALIGNMENTS

ASSEMBLING OF FRONT SCREEN



MOUNTING OF FRONT SCREEN



CLEANING OF LENS AND MIRROR

CAUTION : Do not hold the optical system parts (lens and mirror) with bare hand to avoid finger-prints on the surface of those parts.

HOW TO CLEAN LENS AND MIRROR

1. Be sure to remove sand dust with an air brush, etc.
2. When it is stained slightly, breathe upon it and wipe away with the specified cleaning cloth.
   For other stains than the above, wipe the stains away with the specified cloth into which a cleaning liquid has been soaked.

Cleaning liquid ..... **LENS LUSTER** (Manufactured by Edmund Scientific Co.), etc.

HOW TO CLEAN SCREEN

When cleaning the screen, use a soft cloth so as not to damage the screen.

1. Wipe the stain away with a diluted neutral detergent soaked cloth.
2. Wipe the detergent away with a water soaked cloth.
3. Wipe the screen with a dry cloth to remove moisture on the screen.

Note : Absolutely do not use alcohol, benzine, thinner, etc. for cleaning in order not to wipe away the black print on the surface.

CHAPTER 2 SPECIFIC INFORMATIONS

SETTING & ADJUSTING DATA

【SERVICE MODE】

ADJUSTING ITEMS AND DATA IN THE SERVICE MODE:

Item	Name of adjustment	Preset	Data
GDRV	G DRIVE	3AH	←
BDRV	B DRIVE	2AH	←
CNTX	SUB CONTRAST MAX	7FH	←
BRTC	SUB BRIGHT CEN	83H	←
COLC	SUB COLOR CEN NTSC	40H	←
TNTO	SUB TINT CEN	38H	←
COLP	SUB COLOR CEN PAL	41H	←
COLS	SUB COLOR CEN SEC	2FH	←
SCOL	SUB COLOR	14H	←
SCNT	SUB CONTRAST	0BH	←
EVOL	EXT PRE, VOL	00H	←
NVOL	NICAM VOL PRE SCALE	00H	←
NICL	NICAM THRESHOLD LEVEL	00H	←
NICH	NICAM THRESHOLD LEVEL	00H	←

Item	Name of adjustment	Preset	Data
IDL	IGR THRESHOLD LEVEL	00H	←
IDH	IGR THRESHOLD LEVEL	00H	←
EMX	NICAM ON LEVEL	FCH	←
EMN	NICAM OFF LEVEL	64H	←
PHS	—	16H	←
STS	—	00H	←
HPOS	H-POSITION	00H	←
VPOS	V-POSITION	00H	←
BELL	SECAM BELL FILTER	80H	←
SRY	SECAM R-Y	08H	←
SBY	SECAM B-Y	08H	←
CSBRT	SUB BRIGHT	9BH	←
FLCK	FLICKER	B4H	←
GHST	GHOST	08H	←

Table-1

【DESIGN MODE】

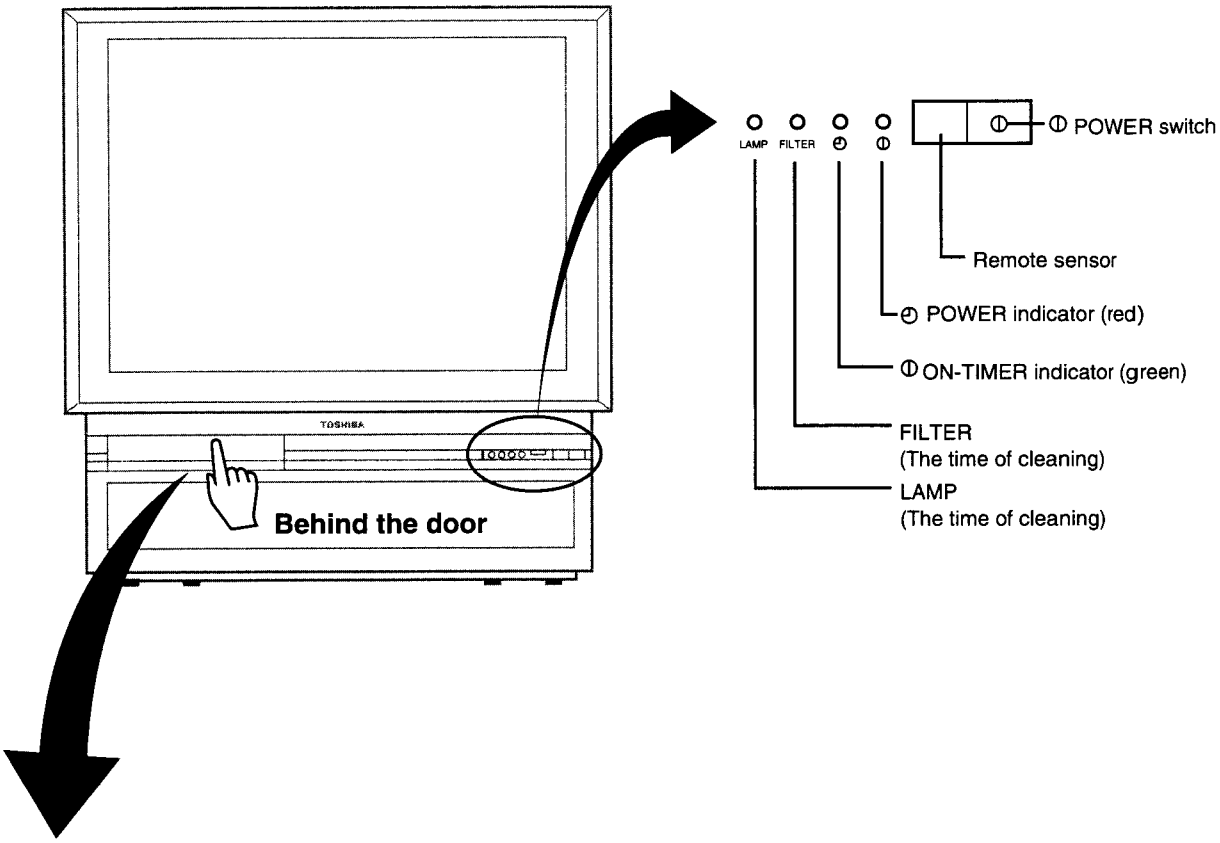
ADJUSTING ITEMS AND DATA IN THE DESIGN MODE:

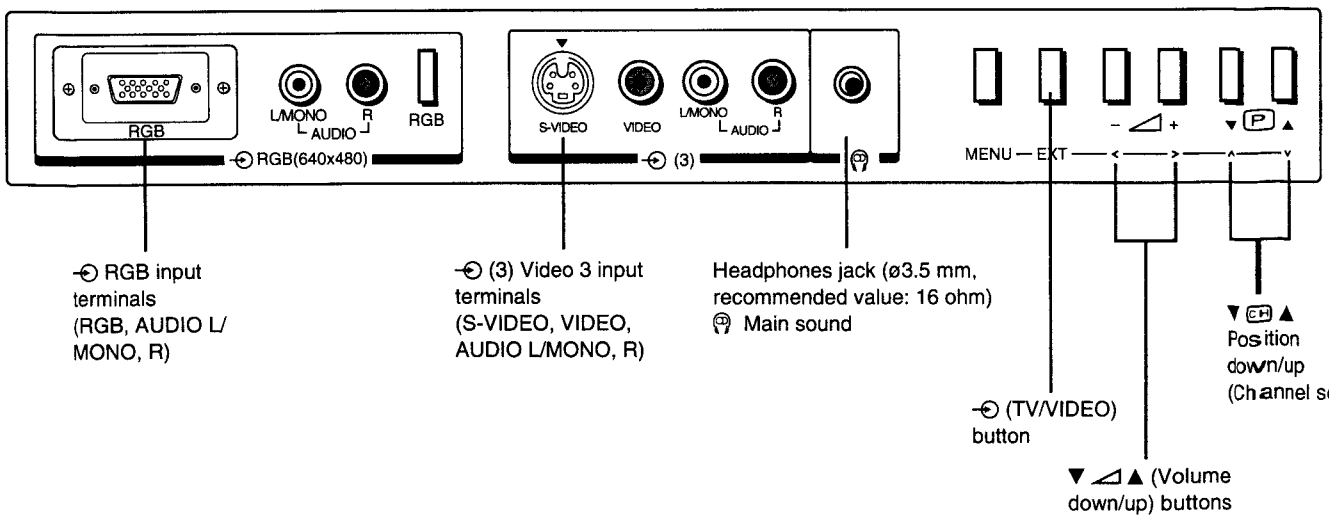
Item	Name of adjustment		Data	Remarks
		Preset Data	44"	
OPT0	OPTION 0	00H	00H	
OPT1	OPTION 1	03H	02H	

Table-2

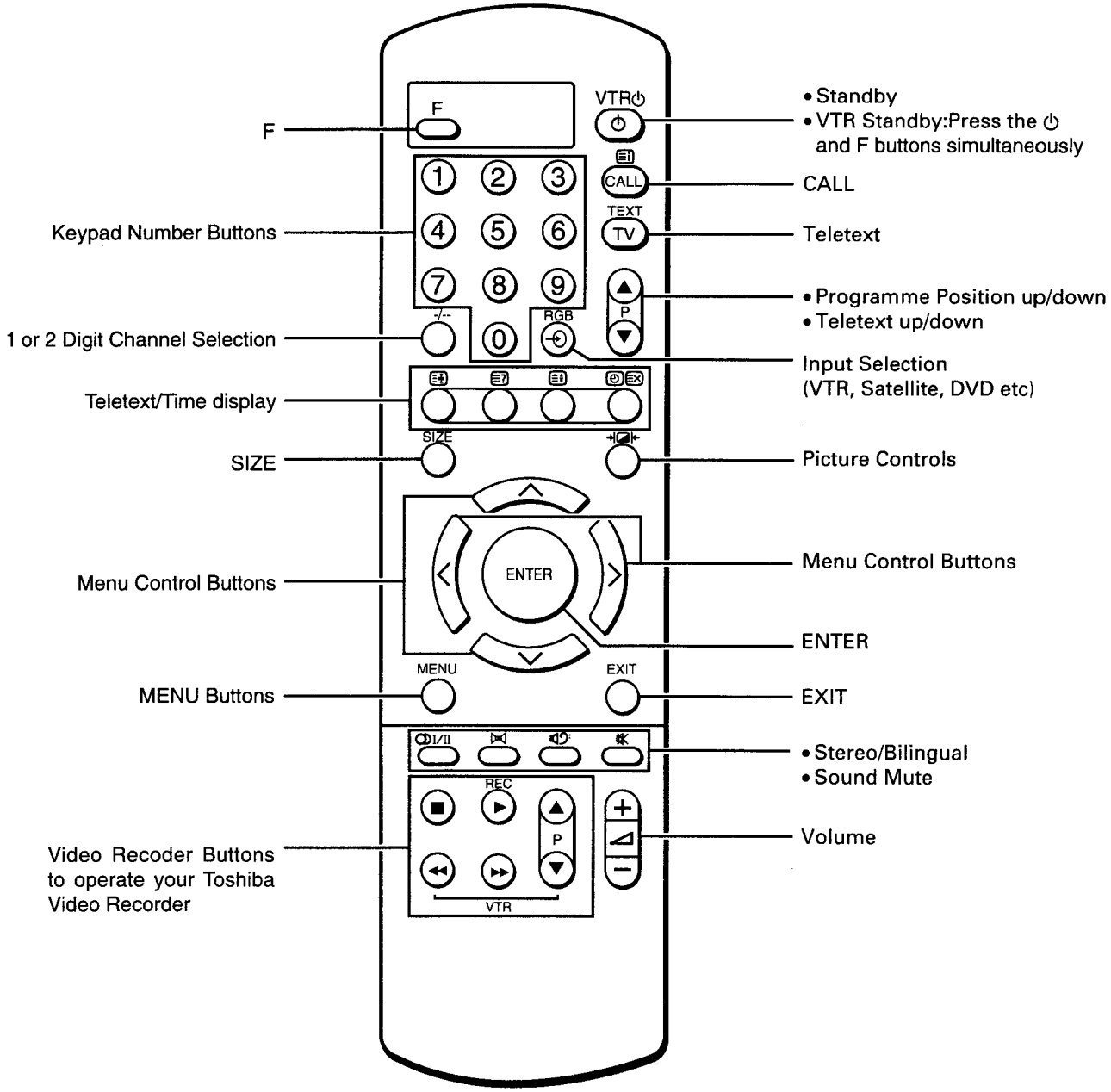
LOCATION OF CONTROLS

Front





Remote Controller



PROGRAMMING CHANNEL MEMORY

Auto tune:

Before using Auto tune it is important that you select your desired system i.e. B/G for Continental Europe, D/K for Eastern Europe, I for the U.K., L1(12) and L2(8) for France.

Should you also wish to tune to alternative systems this must be done manually, after using Auto tune.

1 Press the **MENU** button repeatedly to ***display*** the **SET UP** menu.

---

2 With the **SET UP** menu showing, press the ∧ (or ∨) button to ***highlight*** SYSTEM.

Press the the > (or <) button to ***select*** the required SYSTEM. i.e. B/G, D/K, I, L1(12) and L2(8).

---

3 Press the ∧ (or ∨) button to ***highlight*** AUTO TUNE.

Press the > button to ***select*** the **AUTO TUNE** display.

---

4 Press the **ENTER** button to start the automatic search.

DO NOT PRESS ANY BUTTONS WHILST THE AUTOMATIC SEARCH IS IN PROGRRESS. If you make a mistake simply repeat steps 3 and 4 to start again from the begining.

Each station will be displayed along with a station identifier, if available.

Allow the television to complete the search.

---

5 Press the ∨ (or ∧) button to scroll through the list, ***highlight*** and view each channel.

---

6 Select the channel you wish to allocate to programme position 1.

Press the **ENTER** button to store.

(You will be given a chance to change programme position numbers once the set is tuned in.)

Repeat the procedure for all the programme positions you wish to store including the satellite.

Press the **EXIT** button to exit when you have finished.

To tune any stations on different systems, choose the system you want, then use Manual tune for all the extra stations you require.

Manual tune:

1 Press the **MENU** button repeatedly to ***display*** the **SET UP** menu.

---

2 Press the ∧ (or ∨) button to ***highlight*** MANUAL TUNE.

Press the > button to ***select*** the **MANUAL TUNE** menu.

---

3 Press the ∧ (or ∨) button to ***highlight*** SEARCH.

Press the > button to search up the band (>>>) or the < button to search down the band (<<<).

The >>> will flash and the TV will show the channel numbers whilst the TV is searching.

When a station/satellite is found it will be displayed.

---

4 Press the ∧ (or ∨) button to ***highlight*** the PROGRAMME NO.

Press the > (or <) button to ***select*** the programme position number required.

Press the **ENTER** button if you wish to store the broadcast displayed (**ENTER : TO STORE** will highlight momentarily) or repeat from step 3 if you wish to continue searching.

The display will stay on screen for approx. 15 seconds. If you do not STORE the programme position it will not be held in memory.

Repeat the procedure for all the remaining programme positions you wish to tune, including the satellite.

Press the **EXIT** button to exit when you have finished.

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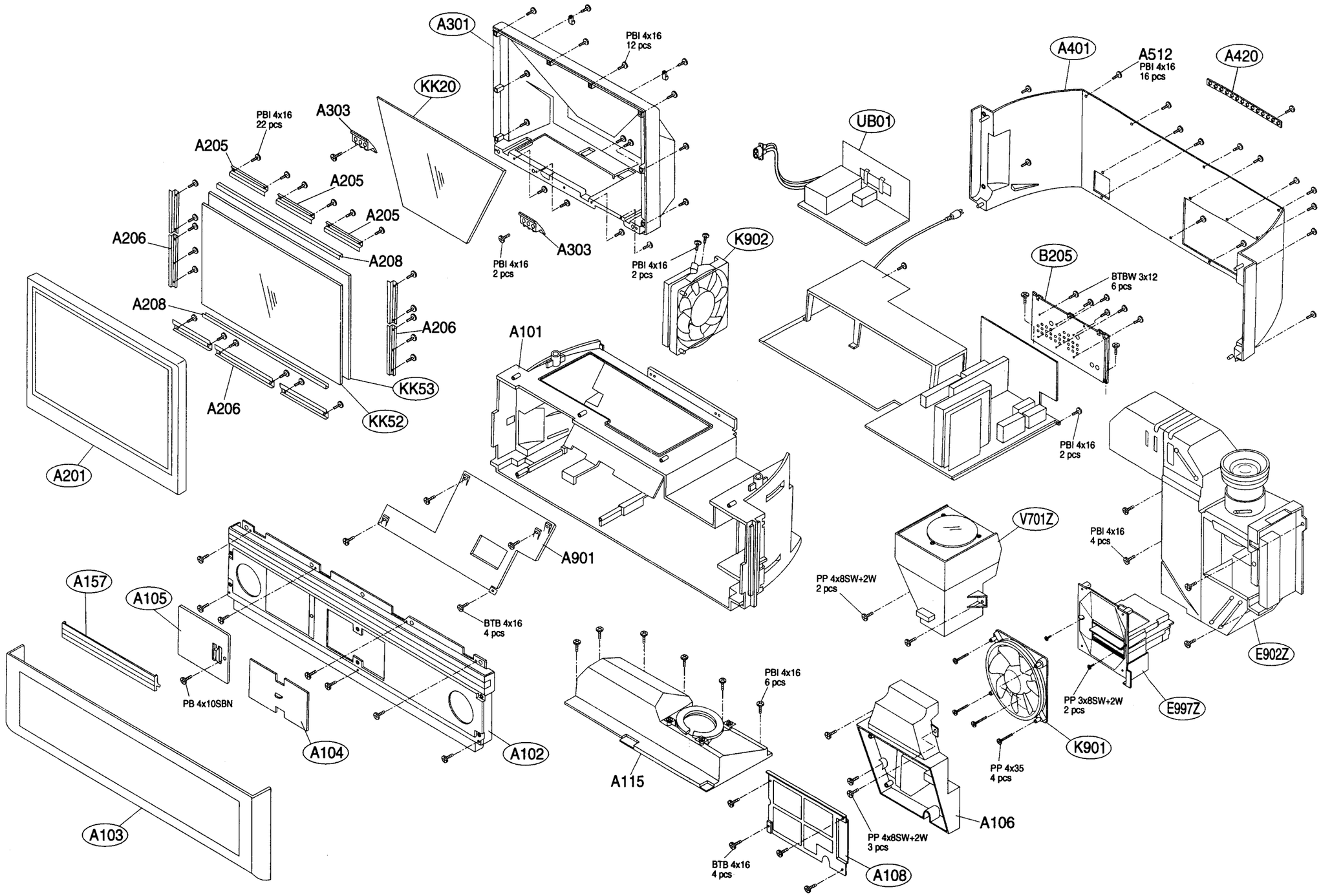
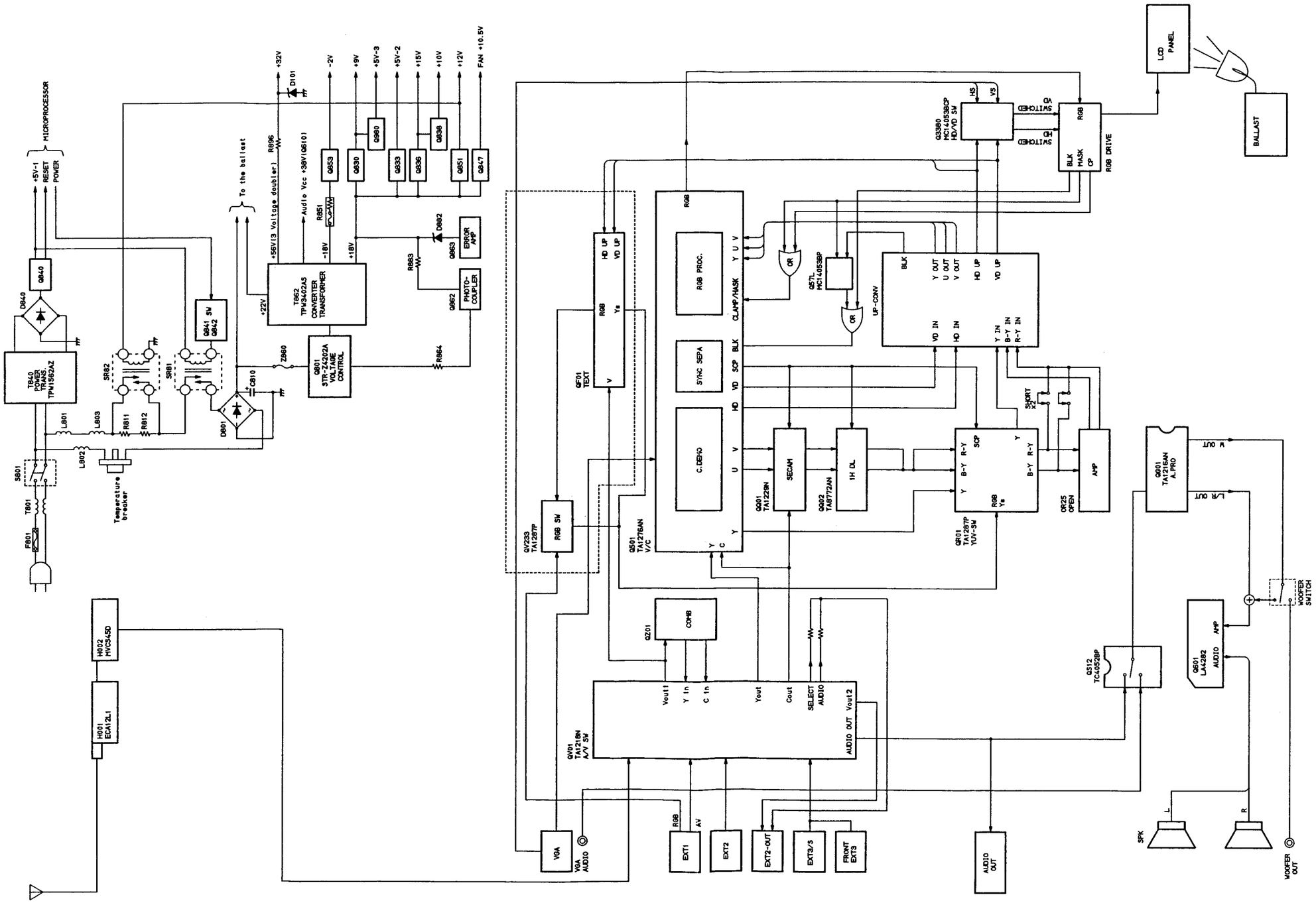
MECHANICAL DISASSEMBLY



CIRCUIT BLOCK DIAGRAM



CHASSIS AND CABINET REPLACEMENT PARTS LIST

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE, "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 3 OF THIS MANUAL.

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate com-ponents which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE. Do not degrade the safety of the receiver through improper servicing.

NOTICE:

- *The part number must be used when ordering parts, in order to assist in processing, be sure to include the Model number and Description.*
- *The PC board assembly with ★ mark is no longer available after the end of the production.*

Models : 44PL93G

Capacitors	CD	:	Ceramic Disk	PF	:	Plastic Film	EL	: Electrolytic
Resistors	CF	:	Carbon Film	CC	:	Carbon Composition	MF	: Metal Film
	OMF	:	Oxide Metal Film	VR	:	Variable Resistor	FR	: Fusible Resistor

(All CD and PF capacitors are ±5%, 50V and all resistors, ±5%, 1/6W unless otherwise noted.)

Location No.	Part No.	Description
CAPACITORS		
C101	24797229	EL, 2.2μF, ±20%, 50V
C105	24232103	CD, 0.01μF, +80%, −20%
C106	24797100	EL, 10μF, ±20%, 50V
C107	24794221	EL, 220μF, ±20%, 16V
C108	24793471	EL, 470μF, ±20%, 10V
C109	24232103	CD, 0.01μF, +80%, −20%
C116	24794221	EL, 220μF, ±20%, 16V
C117	24232103	CD, 0.01μF, +80%, −20%
C118	24232103	CD, 0.01μF, +80%, −20%
C119	24232103	CD, 0.01μF, +80%, −20%
C183	24797479	EL, 4.7μF, ±20%, 50V
C198	24232103	CD, 0.01μF, +80%, −20%
C199	24794221	EL, 220μF, ±20%, 16V
C201	24669478	EL, 0.47μF, ±20%, 50V
C203	24538104	PF, 0.1μF
C204	24669010	EL, 1μF, ±20%, 50V
C205	24206229	EL, 2.2μF, 50V
C207	24781100	Chip, 10pF, ±0.5%, SL
C208	24781100	Chip, 10pF, ±0.5%, SL
C209	24781100	Chip, 10pF, ±0.5%, SL
C210	24797010	EL, 1μF, ±20%, 50V
C212	24794100	EL, 10μF, ±20%, 16V
C214	24781100	Chip, 10pF, ±0.5%, SL
C220	24794221	EL, 220μF, ±20%, 16V
C251	24794101	EL, 100μF, ±20%, 16V
C252	24092293	Chip, 0.1μF, +80%,−20%, 25V
C254	24781390	Chip, 39pF, SL
C256	24781100	Chip, 10pF, ±0.5%, SL
C273	24206229	EL, 2.2μF, 50V
C315	24766229	EL, 2.2μF, ±20%, 50V
C403	24591433	PF, 0.043μF
C404	24766229	EL, 2.2μF, ±20%, 50V
C430	24212103	CD, 0.01μF, ±10%
C431	24763102	EL, 1000μF, ±20%, 16V
C501	24781101	Chip, 100pF, SL
C502	24814103	Chip, 0.01μF, +80%, −20%
C503	24763221	EL, 220μF, ±20%, 16V
C504	24591222	PF, 2200pF
C505	24774120	Chip, 12pF, CH
C507	24774120	Chip, 12pF, CH

Location No.	Part No.	Description
C508	24797010	EL, 1μF, ±20%, 50V
C509	24763101	EL, 100μF, ±20%, 16V
C510	24763101	EL, 100μF, ±20%, 16V
C511	24814103	Chip, 0.01μF, +80%, −20%
C512	24206228	EL, 0.22μF, 50V
C513	24814103	Chip, 0.01μF, +80%, −20%
C514	24538104	PF, 0.1μF
C515	24538104	PF, 0.1μF
C516	24781102	Chip, 1000pF, SL
C517	24774010	Chip, 1pF
C519	24774010	Chip, 1pF
C520	24781102	Chip, 1000pF, SL
C521	24781102	Chip, 1000pF, SL
C522	24797010	EL, 1μF, ±20%, 50V
C523	24814103	Chip, 0.01μF, +80%, −20%
C524	24814103	Chip, 0.01μF, +80%, −20%
C525	24814103	Chip, 0.01μF, +80%, −20%
C527	24814103	Chip, 0.01μF, +80%, −20%
C528	24794100	EL, 10μF, ±20%, 16V
C530	24814103	Chip, 0.01μF, +80%, −20%
C531	24814103	Chip, 0.01μF, +80%, −20%
C532	24814103	Chip, 0.01μF, +80%, −20%
C533	24794471	EL, 470μF, ±20%, 16V
C601	24590102	PF, 1000pF
C602	24590102	PF, 1000pF
C603	24669100	EL, 10μF, ±20%, 50V
C604	24669100	EL, 10μF, ±20%, 50V
C605	24667101	EL, 100μF, ±20%, 25V
C606	24667101	EL, 100μF, ±20%, 25V
C607	24538104	PF, 0.1μF
C608	24538104	PF, 0.1μF
C609	24669102	EL, 1000μF, ±20%, 50V
C610	24669102	EL, 1000μF, ±20%, 50V
C611	24667221	EL, 220μF, ±20%, 25V
C612	24667221	EL, 220μF, ±20%, 25V
C636	24794100	EL, 10μF, ±20%, 16V
C661	24212101	CD, 100pF, ±10%
C665	24669478	EL, 0.47μF, ±20%, 50V
C666	24669478	EL, 0.47μF, ±20%, 50V
C671	24797100	EL, 10μF, ±20%, 50V
C672	24232103	CD, 0.01μF, +80%, −20%

Location No.	Part No.	Description
C673	24781102	Chip, 1000pF, SL
C674	24781102	Chip, 1000pF, SL
C674	24797100	EL, 10μF, ±20%, 50V
C675	24797100	EL, 10μF, ±20%, 50V
C675	24781102	Chip, 1000pF, SL
C676	24797100	EL, 10μF, ±20%, 50V
C676	24781102	Chip, 1000pF, SL
C677	24796221	EL, 220μF, ±20%, 35V
C678	24781102	Chip, 1000pF, SL
C679	24781102	Chip, 1000pF, SL
C680	24669222	EL, 2200μF, ±20%, 50V
C681	24781102	Chip, 1000pF, SL
C682	24781102	Chip, 1000pF, SL
C682	24669010	EL, 1μF, ±20%, 50V
C700	24092294	Chip, 0.33μF, +80%,–20%, 16V
C701	24092294	Chip, 0.33μF, +80%,–20%, 16V
C702	24203100	EL, 10μF, ±20%, 16V
C703	24092294	Chip, 0.33μF, +80%,–20%, 16V
C704	24203100	EL, 10μF, ±20%, 16V
C705	24814103	Chip, 0.01μF, +80%,–20%
C706	24092293	Chip, 0.1μF, +80%,–20%, 25V
C707	24092294	Chip, 0.33μF, +80%,–20%, 16V
C710	24774220	Chip, 22pF, CH
C711	24203470	EL, 47μF, ±20%, 16V
C712	24203100	EL, 10μF, ±20%, 16V
C713	24203100	EL, 10μF, ±20%, 16V
C714	24814103	Chip, 0.01μF, +80%,–20%
C715	24781101	Chip, 100pF, SL
C716	24774100	Chip, 10pF, ±0.5pF, CH
C717	24774100	Chip, 10pF, ±0.5pF, CH
C719	24814103	Chip, 0.01μF, +80%,–20%
C720	24814103	Chip, 0.01μF, +80%,–20%
C721	24814103	Chip, 0.01μF, +80%,–20%
C722	24814103	Chip, 0.01μF, +80%,–20%
C723	24814103	Chip, 0.01μF, +80%,–20%
C724	24092293	Chip, 0.1μF, +80%,–20%, 25V
C725	24092293	Chip, 0.1μF, +80%,–20%, 25V
C726	24092293	Chip, 0.1μF, +80%,–20%, 25V
C727	24092293	Chip, 0.1μF, +80%,–20%, 25V
C728	24092293	Chip, 0.1μF, +80%,–20%, 25V
C729	24092293	Chip, 0.1μF, +80%,–20%, 25V
C730	24781101	Chip, 100pF, SL
C731	24781101	Chip, 100pF, SL
C732	24781101	Chip, 100pF, SL
C733	24092293	Chip, 0.1μF, +80%,–20%, 25V
C735	24781101	Chip, 100pF, SL
C736	24781560	Chip, 56pF, SL
C737	24781101	Chip, 100pF, SL
C738	24781101	Chip, 100pF, SL
C739	24781101	Chip, 100pF, SL
C742	24781101	Chip, 100pF, SL
C743	24781101	Chip, 100pF, SL
C744	24781101	Chip, 100pF, SL
C745	24781101	Chip, 100pF, SL
C746	24781101	Chip, 100pF, SL
C747	24092293	Chip, 0.1μF, +80%,–20%, 25V
C751	24781101	Chip, 100pF, SL
C752	24781101	Chip, 100pF, SL
C754	24092293	Chip, 0.1μF, +80%,–20%, 25V
C755	24781101	Chip, 100pF, SL
C756	24781331	Chip, 330pF, SL
C757	24781151	Chip, 150pF, SL
C758	24781151	Chip, 150pF, SL
C759	24781151	Chip, 150pF, SL

Location No.	Part No.	Description
C760	24781151	Chip, 150pF, SL
C761	24781151	Chip, 150pF, SL
C762	24814103	Chip, 0.01μF, +80%,–20%
C764	24781101	Chip, 100pF, SL
C765	24781101	Chip, 100pF, SL
C767	24781101	Chip, 100pF, SL
C777	24781101	Chip, 100pF, SL
C778	24781101	Chip, 100pF, SL
C779	24781101	Chip, 100pF, SL
C780	24781101	Chip, 100pF, SL
C781	24781101	Chip, 100pF, SL
C782	24781101	Chip, 100pF, SL
C785	24092293	Chip, 0.1μF, +80%,–20%, 25V
C786	24092293	Chip, 0.1μF, +80%,–20%, 25V
C787	24092293	Chip, 0.1μF, +80%,–20%, 25V
C788	24092293	Chip, 0.1μF, +80%,–20%, 25V
C789	24092293	Chip, 0.1μF, +80%,–20%, 25V
C790	24092293	Chip, 0.1μF, +80%,–20%, 25V
C791	24092293	Chip, 0.1μF, +80%,–20%, 25V
C792	24092293	Chip, 0.1μF, +80%,–20%, 25V
C793	24781470	Chip, 47pF, SL
C794	24092293	Chip, 0.1μF, +80%,–20%, 25V
C795	24092293	Chip, 0.1μF, +80%,–20%, 25V
C797	24092293	Chip, 0.1μF, +80%,–20%, 25V
C798	24092293	Chip, 0.1μF, +80%,–20%, 25V
⚠C801	24082927	PF, 0.22μF, ±20%, AC275V
⚠C802	24082926	PF, 0.1μF, ±20%, AC275V
⚠C803	24082926	PF, 0.1μF, ±20%, AC275V
C805	24092281	CD, 4700pF, ±20%, AC250V
C807	24092281	CD, 4700pF, ±20%, AC250V
C810	24086043	EL, 820μF, ±20%, 450V
⚠C811	24092553	CD, 470pF, ±20%, AC250V
C811A	70852507	Cover
⚠C812	24092553	CD, 470pF, ±20%, AC250V
C812A	23960136	Adhesive, TSE3843-W
⚠C813	24092553	CD, 470pF, ±20%, AC250V
C813A	70852507	Cover
⚠C814	24092553	CD, 470pF, ±20%, AC250V
C830	24617798	EL, 2200μF, ±20%, 25V
C831	24617006	EL, 820μF, ±20%, 25V
C833	24214331	CD, 330pF, ±10%, 500V
C834	24567104	PF, 0.1μF
C835	24214331	CD, 330pF, ±10%, 500V
C836	24617798	EL, 2200μF, ±20%, 25V
C837	24617006	EL, 820μF, ±20%, 25V
C839	24567104	PF, 0.1μF
C840	24667102	EL, 1000μF, ±20%, 25V
C841	24666101	EL, 100μF, ±20%, 16V
C842	24567474	PF, 0.47μF
C845	24667100	EL, 10μF, ±20%, 25V
C846	24667101	EL, 100μF, ±20%, 25V
C847	24667470	EL, 47μF, ±20%, 25V
C848	24617794	EL, 47μF, ±20%, 25V
C849	24667100	EL, 10μF, ±20%, 25V
C853	24667470	EL, 47μF, ±20%, 25V
C854	24567334	PF, 0.33μF
C855	24667470	EL, 47μF, ±20%, 25V
C856	24666470	EL, 47μF, ±20%, 16V
C857	24667101	EL, 100μF, ±20%, 25V
C858	24567334	PF, 0.33μF
C859	24667470	EL, 47μF, ±20%, 25V
C860	24214103	CD, 0.01μF, ±10%, 500V
C862	24082857	PF, 680pF, ±2%
C863	24567104	PF, 0.1μF

Location No.	Part No.	Description
C864	24092482	CD, 1000pF, ±10%, 2kV
C866	24591474	PF, 0.47μF
C867	24590682	PF, 6800pF
C868	24667470	EL, 47μF, ±20%, 25V
C869	24678229	EL, 2.2μF, ±20%, 200V
C870	24820333	PF, 0.033μF, 630V
C871	24092482	CD, 1000pF, ±10%, 2kV
C873	24567224	PF, 0.22μF
C874	24092472	CD, 150pF, ±10%, 2kV
C876	24567104	PF, 0.1μF
C877	24668470	EL, 47μF, ±20%, 35V
C885	24214471	CD, 470pF, ±10%, 500V
C886	24214471	CD, 470pF, ±10%, 500V
C887	24617825	EL, 2200μF, ±20%, 50V
C888	24214471	CD, 470pF, ±10%, 500V
C889	24617796	EL, 330μF, ±20%, 25V
C890	24617812	EL, 1.0μF, ±20%, 50V
C891	24214471	CD, 470pF, ±10%, 500V
C892	24214471	CD, 470pF, ±10%, 500V
C893	24214471	CD, 470pF, ±10%, 500V
C894	24214471	CD, 470pF, ±10%, 500V
C895	24617800	EL, 4700μF, ±20%, 25V
C897	24617824	EL, 1000μF, ±20%, 50V
C898	24640895	EL, 220μF, ±20%, 100V
C901	24092293	Chip, 0.1μF, +80%,–20%, 25V
C902	24092293	Chip, 0.1μF, +80%,–20%, 25V
C903	24092293	Chip, 0.1μF, +80%,–20%, 25V
C904	24092293	Chip, 0.1μF, +80%,–20%, 25V
C905	24204100	EL, 10μF, ±20%, 25V
C906	24092293	Chip, 0.1μF, +80%,–20%, 25V
C907	24092293	Chip, 0.1μF, +80%,–20%, 25V
C908	24293105	Chip, Tantal, 1μF, ±20%, 16V
C909	24293105	Chip, Tantal, 1μF, ±20%, 16V
C910	24293105	Chip, Tantal, 1μF, ±20%, 16V
C911	24092293	Chip, 0.1μF, +80%,–20%, 25V
C912	24092293	Chip, 0.1μF, +80%,–20%, 25V
C913	24092293	Chip, 0.1μF, +80%,–20%, 25V
C914	24092293	Chip, 0.1μF, +80%,–20%, 25V
C915	24203330	EL, 33μF, ±20%, 16V
C916	24092293	Chip, 0.1μF, +80%,–20%, 25V
C917	24092293	Chip, 0.1μF, +80%,–20%, 25V
C918	24092293	Chip, 0.1μF, +80%,–20%, 25V
C919	24092293	Chip, 0.1μF, +80%,–20%, 25V
C920	24774220	Chip, 22pF, CH
C921	24774220	Chip, 22pF, CH
C922	24774220	Chip, 22pF, CH
C923	24774220	Chip, 22pF, CH
C924	24774331	Chip, 330pF
C925	24774470	Chip, 47pF, CH
C926	24781221	Chip, 220pF, SL
C927	24781221	Chip, 220pF, SL
C928	24781221	Chip, 220pF, SL
C931	24774330	Chip, 33pF
C932	24774330	Chip, 33pF
C933	24203100	EL, 10μF, ±20%, 16V
C934	24092293	Chip, 0.1μF, +80%,–20%, 25V
C935	24774330	Chip, 33pF
C936	24774330	Chip, 33pF
C937	24203100	EL, 10μF, ±20%, 16V
C938	24092293	Chip, 0.1μF, +80%,–20%, 25V
C939	24774330	Chip, 33pF
C940	24774330	Chip, 33pF
C941	24203100	EL, 10μF, ±20%, 16V
C942	24092293	Chip, 0.1μF, +80%,–20%, 25V

Location No.	Part No.	Description
C943	24774330	Chip, 33pF
C944	24774330	Chip, 33pF
C950	24092293	Chip, 0.1μF, +80%,–20%, 25V
C951	24205330	EL, 33μF, ±20%, 25V
C952	24092293	Chip, 0.1μF, +80%,–20%, 25V
C953	24204330	EL, 33μF, ±20%, 25V
C954	24092293	Chip, 0.1μF, +80%,–20%, 25V
C955	24293105	Chip, Tantal, 1μF, ±20%, 16V
C956	24781271	Chip, 270pF, SL
C957	24781220	Chip, 22pF, SL
C958	24204330	EL, 33μF, ±20%, 25V
C959	24204101	EL, 100μF, ±20%, 25V
C3101	24232103	CD, 0.01μF, +80%, –20%
C3102	24797010	EL, 1μF, ±20%, 50V
C3103	24567104	PF, 0.1μF
C3104	24794100	EL, 10μF, ±20%, 16V
C3380	24436220	CD, 22pF
C3381	24794101	EL, 100μF, ±20%, 16V
C3382	24232103	CD, 0.01μF, +80%, –20%
C9601	24204330	EL, 33μF, ±20%, 25V
C9602	24814103	Chip, 0.01μF, +80%, –20%
C9603	24092291	CD, 1μF, +80%, –20%, 16V
C9604	24092291	CD, 1μF, +80%, –20%, 16V
C9605	24092291	CD, 1μF, +80%, –20%, 16V
C9606	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9607	24092291	CD, 1μF, +80%, –20%, 16V
C9608	24092291	CD, 1μF, +80%, –20%, 16V
C9609	24092291	CD, 1μF, +80%, –20%, 16V
C9610	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9611	24203100	EL, 10μF, ±20%, 16V
C9612	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9613	24814103	Chip, 0.01μF, +80%, –20%
C9614	24204330	EL, 33μF, ±20%, 25V
C9615	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9616	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9617	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9618	24204330	EL, 33μF, ±20%, 25V
C9619	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9620	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9621	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9622	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9623	24781221	Chip, 220pF, SL
C9629	24814103	Chip, 0.01μF, +80%, –20%
C9630	24814103	Chip, 0.01μF, +80%, –20%
C9631	24204330	EL, 33μF, ±20%, 25V
C9632	24814103	Chip, 0.01μF, +80%, –20%
C9633	24092291	CD, 1μF, +80%, –20%, 16V
C9634	24092291	CD, 1μF, +80%, –20%, 16V
C9635	24092291	CD, 1μF, +80%, –20%, 16V
C9636	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9637	24092291	CD, 1μF, +80%, –20%, 16V
C9638	24092291	CD, 1μF, +80%, –20%, 16V
C9639	24092291	CD, 1μF, +80%, –20%, 16V
C9640	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9641	24203100	EL, 10μF, ±20%, 16V
C9642	24092293	Chip, 0.1μF, +80%,–20%, 25V
C9643	24814103	Chip, 0.01μF, +80%, –20%
C9646	24814103	Chip, 0.01μF, +80%, –20%
C9647	24814103	Chip, 0.01μF, +80%, –20%
C9649	24814103	Chip, 0.01μF, +80%, –20%
C9652	24203330	EL, 33μF, ±20%, 16V
C9661	24204330	EL, 33μF, ±20%, 25V
C9662	24814103	Chip, 0.01μF, +80%, –20%
C9663	24092291	CD, 1μF, +80%, –20%, 16V

Location No.	Part No.	Description
C9664	24092291	CD, 1μF, +80%, -20%, 16V
C9665	24092291	CD, 1μF, +80%, -20%, 16V
C9666	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9667	24092291	CD, 1μF, +80%, -20%, 16V
C9668	24092291	CD, 1μF, +80%, -20%, 16V
C9669	24092291	CD, 1μF, +80%, -20%, 16V
C9670	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9671	24203100	EL, 10μF, ±20%, 16V
C9672	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9673	24814103	Chip, 0.01μF, +80%, -20%
C9691	24204330	EL, 33μF, ±20%, 25V
C9692	24814103	Chip, 0.01μF, +80%, -20%
C9701	24088079	Tantulm Capacitor, 10μF, 10V
C9702	24088079	Tantulm Capacitor, 10μF, 10V
C9703	24088079	Tantulm Capacitor, 10μF, 10V
C9704	24088079	Tantulm Capacitor, 10μF, 10V
C9705	24088079	Tantulm Capacitor, 10μF, 10V
C9706	24088079	Tantulm Capacitor, 10μF, 10V
C9707	24088079	Tantulm Capacitor, 10μF, 10V
C9708	24088079	Tantulm Capacitor, 10μF, 10V
C9709	24088079	Tantulm Capacitor, 10μF, 10V
C9710	24088079	Tantulm Capacitor, 10μF, 10V
C9711	24088079	Tantulm Capacitor, 10μF, 10V
C9712	24088079	Tantulm Capacitor, 10μF, 10V
C9713	24088079	Tantulm Capacitor, 10μF, 10V
C9714	24088079	Tantulm Capacitor, 10μF, 10V
C9715	24088079	Tantulm Capacitor, 10μF, 10V
C9716	24088079	Tantulm Capacitor, 10μF, 10V
C9717	24088079	Tantulm Capacitor, 10μF, 10V
C9718	24088079	Tantulm Capacitor, 10μF, 10V
C9719	24204330	EL, 33μF, ±20%, 25V
C9720	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9721	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9727	24204330	EL, 33μF, ±20%, 25V
C9728	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9729	24204330	EL, 33μF, ±20%, 25V
C9730	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9731	24204330	EL, 33μF, ±20%, 25V
C9732	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9733	24204330	EL, 33μF, ±20%, 25V
C9734	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9735	24205330	EL, 33μF, ±20%, 25V
C9736	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9737	24205330	EL, 33μF, ±20%, 25V
C9738	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9739	24204330	EL, 33μF, ±20%, 25V
C9802	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9822	24567334	PF, 0.33μF
C9823	24567334	PF, 0.33μF
C9824	24666101	EL, 100μF, ±20%, 16V
C9825	24666101	EL, 100μF, ±20%, 16V
C9830	24204470	EL, 47μF, ±20%, 25V
C9903	24204330	EL, 33μF, ±20%, 25V
C9904	24781101	Chip, 100pF, SL
C9905	24781101	Chip, 100pF, SL
C9906	24781101	Chip, 100pF, SL
C9907	24781101	Chip, 100pF, SL
C9909	24814103	Chip, 0.01μF, +80%, -20%
C9931	24781101	Chip, 100pF, SL
C9932	24781101	Chip, 100pF, SL
C9937	24781560	Chip, 56pF, SL
C9938	24781560	Chip, 56pF, SL
C9939	24781560	Chip, 56pF, SL
C9940	24781560	Chip, 56pF, SL

Location No.	Part No.	Description
C9941	24814103	Chip, 0.01μF, +80%, -20%
C9942	24781101	Chip, 100pF, SL
C9946	24204330	EL, 33μF, ±20%, 25V
C9961	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9962	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9963	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9964	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9966	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9985	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9986	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9987	24092293	Chip, 0.1μF, +80%,-20%, 25V
C9988	24205330	EL, 33μF, ±20%, 25V
C9989	24205330	EL, 33μF, ±20%, 25V
C9990	24205330	EL, 33μF, ±20%, 25V
CA13	24781101	Chip, 100pF, SL
CA30	24781101	Chip, 100pF, SL
CA33	24814103	Chip, 0.01μF, +80%, -20%
CA37	24781101	Chip, 100pF, SL
CA38	24781101	Chip, 100pF, SL
CA42	24794100	EL, 10μF, ±20%, 16V
CA43	24814103	Chip, 0.01μF, +80%, -20%
CA44	24814103	Chip, 0.01μF, +80%, -20%
CA67	24814103	Chip, 0.01μF, +80%, -20%
CA68	24794100	EL, 10μF, ±20%, 16V
CA69	24814103	Chip, 0.01μF, +80%, -20%
CA117	24669470	EL, 47μF, ±20%, 50V
CB02	24781101	Chip, 100pF, SL
CB03	24781101	Chip, 100pF, SL
CB04	24781101	Chip, 100pF, SL
CB05	24781101	Chip, 100pF, SL
CB10	24781101	Chip, 100pF, SL
CB12	24781101	Chip, 100pF, SL
CB33	24567104	PF, 0.1μF
CB36	24781101	Chip, 100pF, SL
CB41	24781101	Chip, 100pF, SL
CB50	24814103	Chip, 0.01μF, +80%, -20%
CB51	24794100	EL, 10μF, ±20%, 16V
CB52	24793101	EL, 100μF, ±20%, 10V
CB53	24814103	Chip, 0.01μF, +80%, -20%
CB90	24232103	CD, 0.01μF, +80%, -20%
CC08	24815102	Chip, 1000pF, ±10%, B
CC23	24781102	Chip, 1000pF, SL
CC24	24781470	Chip, 47pF, SL
CC25	24781470	Chip, 47pF, SL
CC29	24232103	CD, 0.01μF, +80%, -20%
CC30	24567474	PF, 0.47μF
CC34	24232103	CD, 0.01μF, +80%, -20%
CC50	24212102	CD, 1000pF, ±10%
CC100	24212102	CD, 1000pF, ±10%
CC101	24212102	CD, 1000pF, ±10%
CC102	24212102	CD, 1000pF, ±10%
CC103	24212102	CD, 1000pF, ±10%
CC106	24212103	CD, 0.01μF, ±10%
CC107	24212103	CD, 0.01μF, ±10%
CE21	24814103	Chip, 0.01μF, +80%, -20%
CE22	24794100	EL, 10μF, ±20%, 16V
CF01	24665471	EL, 470μF, ±20%, 10V
CF03	24567104	PF, 0.1μF
CF04	24766101	PF, 0.1μF
CF05	24766101	PF, 0.1μF
CF06	24774220	Chip, 22pF, CH
CF07	24774220	Chip, 22pF, CH
CF08	24567104	PF, 0.1μF
CF09	24567104	PF, 0.1μF

Location No.	Part No.	Description
CF10	24206100	EL, 10μF, 50V
CF11	24567104	PF, 0.1μF
CF12	24814103	Chip, 0.01μF, +80%, −20%
CF14	24814103	Chip, 0.01μF, +80%, −20%
CF16	24567224	PF, 0.22μF
CF17	24794101	EL, 100μF, ±20%, 16V
CF18	24794101	EL, 100μF, ±20%, 16V
CF19	24814103	Chip, 0.01μF, +80%, −20%
CF20	24766010	EL, 1.0μF, ±20%, 50V
CG01	24591124	PF, 0.12μF
CG02	24567104	PF, 0.1μF
CG03	24590823	PF, 0.082μF
CG04	24669010	EL, 1μF, ±20%, 50V
CG05	24666220	EL, 22μF, ±20%, 16V
CG06	24212103	CD, 0.01μF, ±10%
CG07	24669010	EL, 1μF, ±20%, 50V
CG08	24669010	EL, 1μF, ±20%, 50V
CG09	24669010	EL, 1μF, ±20%, 50V
CG12	24591273	PF, 0.027μF
CG13	24232103	CD, 0.01μF, +80%, −20%
CG14	24666101	EL, 100μF, ±20%, 16V
CG15	24591822	PF, 8200pF
CG16	24669010	EL, 1μF, ±20%, 50V
CG17	24591273	PF, 0.027μF
CG18	24591822	PF, 8200pF
CG24	24669100	EL, 10μF, ±20%, 50V
CG25	24212102	CD, 1000pF, ±10%
CG26	24669100	EL, 10μF, ±20%, 50V
CG27	24669229	EL, 2.2μF, ±20%, 50V
CG28	24669229	EL, 2.2μF, ±20%, 50V
CG29	24232103	CD, 0.01μF, +80%, −20%
CG30	24232103	CD, 0.01μF, +80%, −20%
CQ01	24781102	Chip, 1000pF, SL
CQ02	24781820	Chip, 82pF, SL
CQ03	24781102	Chip, 1000pF, SL
CQ04	24203100	EL, 10μF, ±20%, 16V
CQ05	24591563	PF, 0.056μF
CQ07	24591203	PF, 0.02μF
CQ08	24567683	PF, 0.068μF
CQ09	24206229	EL, 2.2μF, 50V
CQ10	24591223	PF, 0.022μF
CQ11	24206229	EL, 2.2μF, 50V
CQ12	24781820	Chip, 82pF, SL
CQ13	24669010	EL, 1μF, ±20%, 50V
CQ14	24669010	EL, 1μF, ±20%, 50V
CQ15	24763101	EL, 100μF, ±20%, 16V
CQ16	24814103	Chip, 0.01μF, +80%, −20%
CQ17	24774150	Chip, 15pF, CH
CQ18	24781820	Chip, 82pF, SL
CQ19	24590103	PF, 0.01μF
CQ20	24567104	PF, 0.1μF
CQ21	24794470	EL, 47μF, ±20%, 16V
CQ22	24814103	Chip, 0.01μF, +80%, −20%
CQ23	24567104	PF, 0.1μF
CQ24	24567104	PF, 0.1μF
CQ25	24797100	EL, 10μF, ±20%, 50V
CQ26	24567104	PF, 0.1μF
CQ27	24567104	PF, 0.1μF
CQ28	24797478	EL, 0.47μF, ±20%, 50V
CQ29	24794101	EL, 100μF, ±20%, 16V
CQ30	24814103	Chip, 0.01μF, +80%, −20%
CQ31	24797478	EL, 0.47μF, ±20%, 50V
CQ32	24590103	PF, 0.01μF
CQ33	24567104	PF, 0.1μF

Location No.	Part No.	Description
CQ34	24567104	PF, 0.1μF
CQ35	24206478	EL, 0.47μF, 50V
CQ36	24206478	EL, 0.47μF, 50V
CQ37	24669010	EL, 1μF, ±20%, 50V
CQ38	24669010	EL, 1μF, ±20%, 50V
CQ39	24669010	EL, 1μF, ±20%, 50V
CQ40	24781820	Chip, 82pF, SL
CQ41	24781090	Chip, 9pF
CQ42	24781090	Chip, 9pF
CQ43	24781090	Chip, 9pF
CQ45	24781102	Chip, 1000pF, SL
CQ46	24781102	Chip, 1000pF, SL
CR01	24567104	PF, 0.1μF
CR02	24567104	PF, 0.1μF
CR03	24567104	PF, 0.1μF
CR04	24567104	PF, 0.1μF
CR05	24567104	PF, 0.1μF
CR06	24567104	PF, 0.1μF
CR07	24212103	CD, 0.01μF, ±10%
CR08	24794100	EL, 10μF, ±20%, 16V
CR09	24212103	CD, 0.01μF, ±10%
CR11	24794100	EL, 10μF, ±20%, 16V
CR12	24591104	PF, 0.1μF
CR13	24591104	PF, 0.1μF
CR14	24591104	PF, 0.1μF
CS01	24085944	EL, 2.2μF, ±20%, 50V, Non-Polar
CS02	24085944	EL, 2.2μF, ±20%, 50V, Non-Polar
CS03	24206229	EL, 2.2μF, 50V
CS04	24206229	EL, 2.2μF, 50V
CS05	24206229	EL, 2.2μF, 50V
CS06	24206229	EL, 2.2μF, 50V
CS07	24206229	EL, 2.2μF, 50V
CS08	24206229	EL, 2.2μF, 50V
CS09	24206010	EL, 1μF, 50V
CS12	24781102	Chip, 1000pF, SL
CS13	24781102	Chip, 1000pF, SL
CS14	24206100	EL, 10μF, 50V
CS15	24206100	EL, 10μF, 50V
CS17	24203100	EL, 10μF, ±20%, 16V
CS18	24203100	EL, 10μF, ±20%, 16V
CS19	24206478	EL, 0.47μF, 50V
CS22	24203100	EL, 10μF, ±20%, 16V
CS23	24203100	EL, 10μF, ±20%, 16V
CS52	24206100	EL, 10μF, 50V
CS53	24781102	Chip, 1000pF, SL
CS70	24794101	EL, 100μF, ±20%, 16V
CS71	24794100	EL, 10μF, ±20%, 16V
CS72	24794100	EL, 10μF, ±20%, 16V
CS73	24794100	EL, 10μF, ±20%, 16V
CS74	24797229	EL, 2.2μF, ±20%, 50V
CS75	24797229	EL, 2.2μF, ±20%, 50V
CS76	24794100	EL, 10μF, ±20%, 16V
CS77	24794100	EL, 10μF, ±20%, 16V
CS78	24794100	EL, 10μF, ±20%, 16V
CS79	24794100	EL, 10μF, ±20%, 16V
CV01	24567103	PF, 0.01μF
CV02	24085970	EL, 10μF, ±20%, 16V, Non-Polar
CV03	24203100	EL, 10μF, ±20%, 16V
CV04	24203100	EL, 10μF, ±20%, 16V
CV05	24814103	Chip, 0.01μF, +80%, −20%
CV06	24203100	EL, 10μF, ±20%, 16V

Location No.	Part No.	Description
CV08	24763102	EL, 1000μF, ±20%, 16V
CV09	24203100	EL, 10μF, ±20%, 16V
CV10	24085970	EL, 10μF, ±20%, 16V, Non-Polar
CV11	24781331	Chip, 330pF, SL
CV12	24092178	Chip, 0.1μF, ±10%, B
CV13	24814103	Chip, 0.01μF, +80%,–20%
CV14	24781102	Chip, 1000pF, SL
CV15	24781102	Chip, 1000pF, SL
CV16	24781102	Chip, 1000pF, SL
CV17	24781102	Chip, 1000pF, SL
CV18	24781102	Chip, 1000pF, SL
CV19	24781102	Chip, 1000pF, SL
CV20	24781430	Chip, 43pF, ±5%, SL
CV23	24203101	EL, 100μF, ±20%, 16V
CV24	24814103	Chip, 0.01μF, +80%,–20%
CV25	24763471	EL, 470μF, ±20%, 16V
CV31	24781102	Chip, 1000pF, SL
CV34	24781102	Chip, 1000pF, SL
CV35	24814103	Chip, 0.01μF, +80%,–20%
CV37	24781102	Chip, 1000pF, SL
CV39	24203101	EL, 100μF, ±20%, 16V
CV40	24814103	Chip, 0.01μF, +80%,–20%
CV65	24203101	EL, 100μF, ±20%, 16V
CV66	24203101	EL, 100μF, ±20%, 16V
CV67	24763471	EL, 470μF, ±20%, 16V
CV68	24763471	EL, 470μF, ±20%, 16V
CV78	24781390	Chip, 39pF, SL
CV100	24212102	CD, 1000pF, ±10%
CV230	24796479	EL, 4.7μF, ±20%, 35V
CV231	24591104	PF, 0.1μF
CV232	24591104	PF, 0.1μF
CV233	24796479	EL, 4.7μF, ±20%, 35V
CV234	24591104	PF, 0.1μF
CV235	24591104	PF, 0.1μF
CV236	24796479	EL, 4.7μF, ±20%, 35V
CV237	24591104	PF, 0.1μF
CV238	24591104	PF, 0.1μF
CV239	24591104	PF, 0.1μF
CV240	24591104	PF, 0.1μF
CV241	24212103	CD, 0.01μF, ±10%
CV242	24794100	EL, 10μF, ±20%, 16V
CV243	24591104	PF, 0.1μF
CV249	24436180	CD, 18pF
CX101	24092441	Chip, 1μF, +80%,–20%, 16V
CX102	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX103	24781181	Chip, 180pF, SL
CX104	24781560	Chip, 56pF, SL
CX105	24781221	Chip, 220pF, SL
CX106	24203470	EL, 47μF, ±20%, 16V
CX107	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX108	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX109	24203100	EL, 10μF, ±20%, 16V
CX115	24092441	Chip, 1μF, +80%,–20%, 16V
CX116	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX121	24092441	Chip, 1μF, +80%,–20%, 16V
CX122	24085968	EL, 33μF, ±20%, 16V
CX123	24092441	Chip, 1μF, +80%,–20%, 16V
CX124	24203470	EL, 47μF, ±20%, 16V
CX125	24781331	Chip, 330pF, SL
CX126	24781471	Chip, 470pF, SL
CX127	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX128	24092441	Chip, 1μF, +80%,–20%, 16V
CX129	24781101	Chip, 100pF, SL

Location No.	Part No.	Description
CX141	24092441	Chip, 1μF, +80%,–20%, 16V
CX142	24085968	EL, 33μF, ±20%, 16V
CX143	24092441	Chip, 1μF, +80%,–20%, 16V
CX144	24203470	EL, 47μF, ±20%, 16V
CX145	24781331	Chip, 330pF, SL
CX146	24781471	Chip, 470pF, SL
CX147	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX148	24092441	Chip, 1μF, +80%,–20%, 16V
CX149	24781101	Chip, 100pF, SL
CX161	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX162	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX301	24762102	EL, 1000μF, ±20%, 10V
CX302	24793471	EL, 470μF, ±20%, 10V
CX303	24202470	EL, 47μF, ±20%, 10V
CX304	24203100	EL, 10μF, ±20%, 16V
CX305	24202220	EL, 22μF, ±20%, 10V
CX306	24202220	EL, 22μF, ±20%, 10V
CX307	24202220	EL, 22μF, ±20%, 10V
CX308	24092294	Chip, 0.33μF, +80%,–20%, 16V
CX311	24202221	EL, 220μF, ±20%, 10V
CX312	24092441	Chip, 1μF, +80%,–20%, 16V
CX313	24781100	Chip, 10pF, ±0.5%, SL
CX314	24781100	Chip, 10pF, ±0.5%, SL
CX315	24781100	Chip, 10pF, ±0.5%, SL
CX321	24202221	EL, 220μF, ±20%, 10V
CX322	24092441	Chip, 1μF, +80%,–20%, 16V
CX323	24781100	Chip, 10pF, ±0.5%, SL
CX324	24781100	Chip, 10pF, ±0.5%, SL
CX325	24781100	Chip, 10pF, ±0.5%, SL
CX330	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX331	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX332	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX333	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX334	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX335	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX336	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX337	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX338	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX339	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX340	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX341	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX342	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX343	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX344	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX345	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX346	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX347	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX348	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX349	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX360	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX361	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX362	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX363	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX364	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX366	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX367	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX368	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX369	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX370	24781101	Chip, 100pF, SL
CX371	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX372	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX373	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX374	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX375	24092293	Chip, 0.1μF, +80%,–20%, 25V

Location No.	Part No.	Description
CX376	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX380	24092441	Chip, 1μF, +80%,–20%, 16V
CX381	24202221	EL, 220μF, ±20%, 10V
CX382	24092441	Chip, 1μF, +80%,–20%, 16V
CX383	24781100	Chip, 10pF, ±0.5%, SL
CX384	24781100	Chip, 10pF, ±0.5%, SL
CX385	24781100	Chip, 10pF, ±0.5%, SL
CX387	24815223	Chip, 0.022μF, ±10%
CX389	24092441	Chip, 1μF, +80%,–20%, 16V
CX390	24781101	Chip, 100pF, SL
CX391	24781101	Chip, 100pF, SL
CX395	24781270	Chip, 27pF, SL
CX396	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX401	24793471	EL, 470μF, ±20%, 10V
CX403	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX404	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX405	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX406	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX407	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX408	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX409	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX410	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX411	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX412	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX417	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX418	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX419	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX420	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX421	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX422	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX423	24781100	Chip, 10pF, ±0.5%, SL
CX424	24781100	Chip, 10pF, ±0.5%, SL
CX441	24202221	EL, 220μF, ±20%, 10V
CX442	24092441	Chip, 1μF, +80%,–20%, 16V
CX443	24781100	Chip, 10pF, ±0.5%, SL
CX444	24092441	Chip, 1μF, +80%,–20%, 16V
CX445	24781100	Chip, 10pF, ±0.5%, SL
CX446	24781100	Chip, 10pF, ±0.5%, SL
CX447	24781100	Chip, 10pF, ±0.5%, SL
CX448	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX449	24206478	EL, 0.47μF, 50V
CX451	24202221	EL, 220μF, ±20%, 10V
CX452	24092441	Chip, 1μF, +80%,–20%, 16V
CX453	24781100	Chip, 10pF, ±0.5%, SL
CX454	24092441	Chip, 1μF, +80%,–20%, 16V
CX455	24781100	Chip, 10pF, ±0.5%, SL
CX456	24781100	Chip, 10pF, ±0.5%, SL
CX457	24781100	Chip, 10pF, ±0.5%, SL
CX471	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX480	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX481	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX482	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX501	24202101	EL, 100μF, 10V
CX502	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX503	24092441	Chip, 1μF, +80%,–20%, 16V
CX504	24202101	EL, 100μF, 10V
CX505	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX507	24202101	EL, 100μF, 10V
CX511	24092441	Chip, 1μF, +80%,–20%, 16V
CX512	24092441	Chip, 1μF, +80%,–20%, 16V
CX513	24092441	Chip, 1μF, +80%,–20%, 16V
CX521	24781820	Chip, 82pF, SL
CX522	24781101	Chip, 100pF, SL
CX523	24781220	Chip, 22pF, SL

Location No.	Part No.	Description
CX531	24781221	Chip, 220pF, SL
CX532	24781221	Chip, 220pF, SL
CX541	24781221	Chip, 220pF, SL
CX542	24781221	Chip, 220pF, SL
CX610	24201101	EL, 100μF, 6.3V
CX611	24092441	Chip, 1μF, +80%,–20%, 16V
CX612	24781120	Chip, 12pF, SL
CX613	24781120	Chip, 12pF, SL
CX614	24781102	Chip, 1000pF, SL
CX616	24092441	Chip, 1μF, +80%,–20%, 16V
CX617	24201101	EL, 100μF, 6.3V
CX618	24781100	Chip, 10pF, ±0.5%, SL
CX713	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX801	24781220	Chip, 22pF, SL
CX802	24781220	Chip, 22pF, SL
CX803	24781220	Chip, 22pF, SL
CX804	24781221	Chip, 220pF, SL
CX805	24781221	Chip, 220pF, SL
CX807	24781221	Chip, 220pF, SL
CX808	24781221	Chip, 220pF, SL
CX811	24781330	Chip, 33pF, SL
CX812	24781330	Chip, 33pF, SL
CX821	24781330	Chip, 33pF, SL
CX822	24781330	Chip, 33pF, SL
CX823	24781330	Chip, 33pF, SL
CX824	24781221	Chip, 220pF, SL
CX825	24781221	Chip, 220pF, SL
CX826	24781221	Chip, 220pF, SL
CX827	24781221	Chip, 220pF, SL
CX831	24092441	Chip, 1μF, +80%,–20%, 16V
CX832	24793471	EL, 470μF, ±20%, 10V
CX833	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX836	24092441	Chip, 1μF, +80%,–20%, 16V
CX837	24793471	EL, 470μF, ±20%, 10V
CX838	24092293	Chip, 0.1μF, +80%,–20%, 25V
CX851	24201101	EL, 100μF, 6.3V
CX852	24092294	Chip, 0.33μF, +80%,–20%, 16V
CX853	24092294	Chip, 0.33μF, +80%,–20%, 16V
CX861	24092293	Chip, 0.1μF, +80%,–20%, 25V
CZ08	24794100	EL, 10μF, ±20%, 16V
CZ09	24781220	Chip, 22pF, SL
CZ10	24781180	Chip, 18pF, SL
CZ11	24781100	Chip, 10pF, ±0.5%, SL
CZ11	24781100	Chip, 10pF, ±0.5%, SL
CZ12	24814103	Chip, 0.01μF, +80%,–20%
CZ12	24814103	Chip, 0.01μF, +80%,–20%
CZ13	24567104	PF, 0.1μF
CZ13	24567104	PF, 0.1μF
CZ14	24203100	EL, 10μF, ±20%, 16V
CZ15	24814103	Chip, 0.01μF, +80%,–20%
CZ16	24797010	EL, 1μF, ±20%, 50V
CZ17	24814103	Chip, 0.01μF, +80%,–20%
CZ19	24781181	Chip, 180pF, SL
CZ20	24815103	Chip, 0.01μF, ±10%, B
CZ21	24781122	Chip, 1200pF
CZ22	24203100	EL, 10μF, ±20%, 16V
CZ23	24567104	PF, 0.1μF
CZ24	24092293	Chip, 0.1μF, +80%,–20%, 25V
CZ25	24793471	EL, 470μF, ±20%, 10V
CZ26	24814103	Chip, 0.01μF, +80%,–20%
CZ28	24814103	Chip, 0.01μF, +80%,–20%
CZ29	24092293	Chip, 0.1μF, +80%,–20%, 25V
CZ30	24203100	EL, 10μF, ±20%, 16V
CZ32	24781120	Chip, 12pF, SL

Location No.	Part No.	Description
CZ33	24781390	Chip, 39pF, SL
CZ34	24781120	Chip, 12pF, SL
CZ35	24781120	Chip, 12pF, SL
CZ36	24092293	Chip, 0.1μF, +80%,–20%, 25V
CZ45	24781330	Chip, 33pF, SL
CZ50	24814103	Chip, 0.01μF, +80%, –20%
RESISTORS		
R102	24366104	CF, 100k ohm
R103	24366333	CF, 33k ohm
R201	24872821	Chip, 820 ohm, 1/16W
R202	24872911	Chip, 910 ohm, 1/16W
R204	24872224	Chip, 220k ohm, 1/16W
R207	24872101	Chip, 100 ohm, 1/16W
R208	24872101	Chip, 100 ohm, 1/16W
R209	24872101	Chip, 100 ohm, 1/16W
R212	24872472	Chip, 4700 ohm, 1/16W
R213	24872122	Chip, 1200 ohm, 1/16W
R214	24872222	Chip, 2200 ohm, 1/16W
R223	24872102	Chip, 1k ohm, 1/16W
R243	24872471	Chip, 470 ohm, 1/16W
R244	24872561	Chip, 560 ohm, 1/16W
R245	24872561	Chip, 560 ohm, 1/16W
R246	24000824	Chip, Jumper, 2125 type
R247	24872102	Chip, 1k ohm, 1/16W
R248	24872102	Chip, 1k ohm, 1/16W
R249	24000824	Chip, Jumper, 2125 type
R250	24872821	Chip, 820 ohm, 1/16W
R251	24872102	Chip, 1k ohm, 1/16W
R252	24872102	Chip, 1k ohm, 1/16W
R273	24872473	Chip, 47k ohm, 1/16W
R274	24872102	Chip, 1k ohm, 1/16W
R275	24872101	Chip, 100 ohm, 1/16W
R276	24872683	Chip, 68k ohm, 1/16W
R277	24872103	Chip, 10k ohm, 1/16W
R401	24872391	Chip, 390 ohm, 1/16W
R403	24872242	Chip, 2400 ohm, 1/16W
R407	24872103	Chip, 10k ohm, 1/16W
R501	24872223	Chip, 22k ohm, 1/16W
R502	24872101	Chip, 100 ohm, 1/16W
R503	24872101	Chip, 100 ohm, 1/16W
R505	24872102	Chip, 1k ohm, 1/16W
R506	24872103	Chip, 10k ohm, 1/16W
R508	24872102	Chip, 1k ohm, 1/16W
R509	24872102	Chip, 1k ohm, 1/16W
R510	24872102	Chip, 1k ohm, 1/16W
R511	24872101	Chip, 100 ohm, 1/16W
R512	24872223	Chip, 22k ohm, 1/16W
R513	24872753	Chip, 75k ohm, 1/16W
R514	24872183	Chip, 18k ohm, 1/16W
R516	24872101	Chip, 100 ohm, 1/16W
R517	24872101	Chip, 100 ohm, 1/16W
R518	24366472	CF, 4700 ohm
R519	24366101	CF, 100 ohm
R530	24872101	Chip, 100 ohm, 1/16W
R531	24872101	Chip, 100 ohm, 1/16W
R532	24872101	Chip, 100 ohm, 1/16W
R533	24872222	Chip, 2200 ohm, 1/16W
R534	24872222	Chip, 2200 ohm, 1/16W
R536	24872222	Chip, 2200 ohm, 1/16W
R537	24872330	Chip, 33 ohm, 1/16W
R538	24872330	Chip, 33 ohm, 1/16W
R539	24872330	Chip, 33 ohm, 1/16W
R540	24000143	MF, 270 ohm, 1/4W

Location No.	Part No.	Description
R541	24000143	MF, 270 ohm, 1/4W
R542	24000143	MF, 270 ohm, 1/4W
R548	24872101	Chip, 100 ohm, 1/16W
R549	24872101	Chip, 100 ohm, 1/16W
R550	24872101	Chip, 100 ohm, 1/16W
R570	24872101	Chip, 100 ohm, 1/16W
R571	24872222	Chip, 2200 ohm, 1/16W
R572	24872222	Chip, 2200 ohm, 1/16W
R577	24872182	Chip, 1800 ohm, 1/16W
R578	24872101	Chip, 100 ohm, 1/16W
R579	24872222	Chip, 2200 ohm, 1/16W
R586	24872101	Chip, 100 ohm, 1/16W
R601	24366562	CF, 5600 ohm
R602	24366562	CF, 5600 ohm
R603	24366272	CF, 2700 ohm
R604	24366272	CF, 2700 ohm
R605	24366229	CF, 2.2 ohm
R606	24366229	CF, 2.2 ohm
R607	24366822	CF, 8200 ohm
R608	24366822	CF, 8200 ohm
R609	24366103	CF, 10k ohm
R610	24366331	CF, 330 ohm
R611	24366224	CF, 220k ohm
R611	24366224	CF, 220k ohm
R612	24366103	CF, 10k ohm
R613	24366103	CF, 10k ohm
R636	24366104	CF, 100k ohm
R661	24552391	OMF, 390 ohm, 1/2W
R661	24366103	CF, 10k ohm
R662	24552391	OMF, 390 ohm, 1/2W
R670	24552182	OMF, 1800 ohm, 1/2W
R671	24366153	CF, 15k ohm
R672	24366153	CF, 15k ohm
R673	24366563	CF, 56k ohm
R674	24366563	CF, 56k ohm
R675	24366102	CF, 1k ohm
R676	24872223	Chip, 22k ohm, 1/16W
R677	24872223	Chip, 22k ohm, 1/16W
R677	24366104	CF, 100k ohm
R678	24872223	Chip, 22k ohm, 1/16W
R678	24366103	CF, 10k ohm
R679	24872223	Chip, 22k ohm, 1/16W
R679	24366103	CF, 10k ohm
R680	24872223	Chip, 22k ohm, 1/16W
R681	24872223	Chip, 22k ohm, 1/16W
R682	24366473	CF, 47k ohm
R683	24366223	CF, 22k ohm
R684	24366223	CF, 22k ohm
R688	24366222	CF, 2200 ohm
R690	24872681	Chip, 680 ohm, 1/16W
R691	24872681	Chip, 680 ohm, 1/16W
R692	24872681	Chip, 680 ohm, 1/16W
R693	24872681	Chip, 680 ohm, 1/16W
R701	24872470	Chip, 47 ohm, 1/16W
R702	24872470	Chip, 47 ohm, 1/16W
R703	24872331	Chip, 330 ohm, 1/16W
R704	24872561	Chip, 560 ohm, 1/16W
R705	24872102	Chip, 1k ohm, 1/16W
R706	24872103	Chip, 10k ohm, 1/16W
R707	24872103	Chip, 10k ohm, 1/16W
R708	24872332	Chip, 3300 ohm, 1/16W
R709	24872330	Chip, 33 ohm, 1/16W
R710	24872103	Chip, 10k ohm, 1/16W
R711	24872105	Chip, 1M ohm, 1/16W

Location No.	Part No.	Description
R712	24872330	Chip, 33 ohm, 1/16W
R713	24872472	Chip, 4700 ohm, 1/16W
R714	24872472	Chip, 4700 ohm, 1/16W
R715	24872330	Chip, 33 ohm, 1/16W
R716	24872330	Chip, 33 ohm, 1/16W
R717	24872330	Chip, 33 ohm, 1/16W
R718	24872472	Chip, 4700 ohm, 1/16W
R719	24872472	Chip, 4700 ohm, 1/16W
R720	24872472	Chip, 4700 ohm, 1/16W
R721	24872472	Chip, 4700 ohm, 1/16W
R722	24872560	Chip, 56 ohm, 1/16W
R723	24872472	Chip, 4700 ohm, 1/16W
R724	24872472	Chip, 4700 ohm, 1/16W
R725	24872101	Chip, 100 ohm, 1/16W
R726	24872101	Chip, 100 ohm, 1/16W
R727	24872101	Chip, 100 ohm, 1/16W
R728	24872101	Chip, 100 ohm, 1/16W
R729	24872101	Chip, 100 ohm, 1/16W
R730	24872101	Chip, 100 ohm, 1/16W
R731	24872101	Chip, 100 ohm, 1/16W
R732	24872101	Chip, 100 ohm, 1/16W
R733	24872101	Chip, 100 ohm, 1/16W
R734	24872100	Chip, 10 ohm, 1/16W
R737	24872560	Chip, 56 ohm, 1/16W
R738	24872330	Chip, 33 ohm, 1/16W
R739	24872101	Chip, 100 ohm, 1/16W
R740	24872101	Chip, 100 ohm, 1/16W
R741	24872101	Chip, 100 ohm, 1/16W
R742	24872101	Chip, 100 ohm, 1/16W
R743	24872330	Chip, 33 ohm, 1/16W
R744	24872330	Chip, 33 ohm, 1/16W
R745	24872560	Chip, 56 ohm, 1/16W
R746	24872101	Chip, 100 ohm, 1/16W
R747	24872560	Chip, 56 ohm, 1/16W
R748	24872330	Chip, 33 ohm, 1/16W
R749	24872330	Chip, 33 ohm, 1/16W
R751	24000824	Chip, Jumper, 2125 type
R761	24000824	Chip, Jumper, 2125 type
R778	24872330	Chip, 33 ohm, 1/16W
R779	24872472	Chip, 4700 ohm, 1/16W
R781	24872101	Chip, 100 ohm, 1/16W
R782	24872101	Chip, 100 ohm, 1/16W
R783	24000824	Chip, Jumper, 2125 type
R790	24872271	Chip, 270 ohm, 1/16W
⚠R801	24009954	Metal-Glazed Resistor, 2.2M ohm, 1/2W
R806	24366473	CF, 47k ohm
R808	24366332	CF, 3300 ohm
R809	24366103	CF, 10k ohm
R811	24510479	Cement, 4.7 ohm, 5W
R812	24007061	Cement, 1.8 ohm, ±10%, 2W
R813	24366473	CF, 47k ohm
R830	24366682	CF, 6800 ohm
R831	24366822	CF, 8200 ohm
R832	24366683	CF, 68k ohm
R833	24366223	CF, 22k ohm
R834	24366682	CF, 6800 ohm
R835	24366823	CF, 82k ohm
R836	24366683	CF, 68k ohm
R837	24366223	CF, 22k ohm
R838	24366223	CF, 22k ohm
R842	24366103	CF, 10k ohm
R843	24366103	CF, 10k ohm
R844	24366122	CF, 1200 ohm

Location No.	Part No.	Description
R845	24366271	CF, 270 ohm
R846	24366102	CF, 1k ohm
R847	24366392	CF, 3900 ohm
R848	24366561	CF, 560 ohm
R849	24366103	CF, 10k ohm
R850	24366103	CF, 10k ohm
R851	24546339	FR, 3.3 ohm, 1/2W
R852	24000142	MF, 240 ohm, 1/4W
R853	24000138	MF, 160 ohm, 1/4W
R855	24366103	CF, 10k ohm
R858	24366561	CF, 560 ohm
R859	24366271	CF, 270 ohm
R861	24383104	OMF, 100k ohm, 2W
R862	24381220	OMF, 22 ohm, 1/2W
R864	24552102	OMF, 1k ohm, 1/2W
R865	24552470	OMF, 47 ohm, 1/2W
R867	24366104	CF, 100k ohm
R868	24366563	CF, 56k ohm
R871	24382470	OMF, 47 ohm, 1W
R872	24377334	CF, 330k ohm, 1W
R877	24531470	FR, 47 ohm, 1/2W
R883	24553122	OMF, 1200 ohm, 1W
R896	24382392	OMF, 3900 ohm, 1W
R897	24553472	OMF, 4700 ohm, 1W
⚠R899	24005015	Metal-Glazed Resistor, 8.2M ohm, 1W
R901	24872122	Chip, 1200 ohm, 1/16W
R902	24872561	Chip, 560 ohm, 1/16W
R903	24872222	Chip, 2200 ohm, 1/16W
R904	24872681	Chip, 680 ohm, 1/16W
R905	24872122	Chip, 1200 ohm, 1/16W
R906	24872561	Chip, 560 ohm, 1/16W
R907	24872222	Chip, 2200 ohm, 1/16W
R908	24872681	Chip, 680 ohm, 1/16W
R909	24872122	Chip, 1200 ohm, 1/16W
R910	24872561	Chip, 560 ohm, 1/16W
R911	24872222	Chip, 2200 ohm, 1/16W
R912	24872681	Chip, 680 ohm, 1/16W
R913	24872394	Chip, 390k ohm, 1/16W
R914	24872394	Chip, 390k ohm, 1/16W
R915	24872394	Chip, 390k ohm, 1/16W
R916	24872103	Chip, 10k ohm, 1/16W
R917	24872303	Chip, 30k ohm, 1/16W
R918	24872103	Chip, 10k ohm, 1/16W
R919	24872103	Chip, 10k ohm, 1/16W
R920	24872333	Chip, 33k ohm, 1/16W
R921	24872221	Chip, 220 ohm, 1/16W
R922	24872221	Chip, 220 ohm, 1/16W
R923	24872221	Chip, 220 ohm, 1/16W
R924	24872221	Chip, 220 ohm, 1/16W
R925	24872221	Chip, 220 ohm, 1/16W
R926	24872221	Chip, 220 ohm, 1/16W
R927	24872221	Chip, 220 ohm, 1/16W
R929	24872331	Chip, 330 ohm, 1/16W
R930	24872331	Chip, 330 ohm, 1/16W
R931	24872103	Chip, 10k ohm, 1/16W
R932	24872101	Chip, 100 ohm, 1/16W
R933	24872101	Chip, 100 ohm, 1/16W
R934	24872103	Chip, 10k ohm, 1/16W
R935	24872101	Chip, 100 ohm, 1/16W
R936	24872101	Chip, 100 ohm, 1/16W
R937	24872103	Chip, 10k ohm, 1/16W
R938	24872101	Chip, 100 ohm, 1/16W
R939	24872101	Chip, 100 ohm, 1/16W

Location No.	Part No.	Description
R940	24000573	Chip, 1k ohm, ±1%, 1/16W
R941	24000447	Chip, 1200 ohm, ±1%, 1/16W
R942	24000606	Chip, 8200 ohm, ±1%, 1/16W
R943	24872101	Chip, 100 ohm, 1/16W
R944	24872101	Chip, 100 ohm, 1/16W
R945	24872101	Chip, 100 ohm, 1/16W
R946	24000824	Chip, Jumper, 2125 type
R947	24000824	Chip, Jumper, 2125 type
R948	24872472	Chip, 4700 ohm, 1/16W
R949	24872103	Chip, 10k ohm, 1/16W
R950	24069068	Chip, VR, 20k ohm, 1/10W
R951	24872394	Chip, 390k ohm, 1/16W
R952	24872101	Chip, 100 ohm, 1/16W
R953	24872223	Chip, 22k ohm, 1/16W
R954	24872272	Chip, 2700 ohm, 1/16W
R955	24872272	Chip, 2700 ohm, 1/16W
R956	24872271	Chip, 270 ohm, 1/16W
R957	24872472	Chip, 4700 ohm, 1/16W
R958	24872472	Chip, 4700 ohm, 1/16W
R959	24872562	Chip, 5600 ohm, 1/16W
R3101	24366101	CF, 100 ohm
R3102	24366103	CF, 10k ohm
R3103	24366103	CF, 10k ohm
R3104	24366223	CF, 22k ohm
R3105	24366101	CF, 100 ohm
R3106	24366103	CF, 10k ohm
R3107	24366273	CF, 27k ohm
R3108	24366103	CF, 10k ohm
R3109	24366103	CF, 10k ohm
R3110	24366103	CF, 10k ohm
R3111	24366103	CF, 10k ohm
R3112	24366562	CF, 5600 ohm
R3113	24366101	CF, 100 ohm
R3114	24366103	CF, 10k ohm
R3115	24366103	CF, 10k ohm
R3116	24366224	CF, 220k ohm
R3117	24366101	CF, 100 ohm
R3118	24366103	CF, 10k ohm
R3119	24366273	CF, 27k ohm
R3380	24366221	CF, 220 ohm
R3381	24366221	CF, 220 ohm
R3382	24366681	CF, 680 ohm
R3383	24366103	CF, 10k ohm
R3384	24366103	CF, 10k ohm
R3385	24366102	CF, 1k ohm
R3386	24366101	CF, 100 ohm
R3387	24366222	CF, 2200 ohm
R9601	24872101	Chip, 100 ohm, 1/16W
R9602	24872473	Chip, 47k ohm, 1/16W
R9603	24872394	Chip, 390k ohm, 1/16W
R9604	24872394	Chip, 390k ohm, 1/16W
R9605	24872394	Chip, 390k ohm, 1/16W
R9606	24872394	Chip, 390k ohm, 1/16W
R9607	24872394	Chip, 390k ohm, 1/16W
R9608	24872394	Chip, 390k ohm, 1/16W
R9609	24872101	Chip, 100 ohm, 1/16W
R9610	24872101	Chip, 100 ohm, 1/16W
R9611	24872101	Chip, 100 ohm, 1/16W
R9612	24872101	Chip, 100 ohm, 1/16W
R9613	24872223	Chip, 22k ohm, 1/16W
R9614	24872101	Chip, 100 ohm, 1/16W
R9615	24872101	Chip, 100 ohm, 1/16W
R9616	24872101	Chip, 100 ohm, 1/16W
R9631	24872101	Chip, 100 ohm, 1/16W

Location No.	Part No.	Description
R9632	24872473	Chip, 47k ohm, 1/16W
R9633	24872394	Chip, 390k ohm, 1/16W
R9634	24872394	Chip, 390k ohm, 1/16W
R9635	24872394	Chip, 390k ohm, 1/16W
R9636	24872394	Chip, 390k ohm, 1/16W
R9637	24872394	Chip, 390k ohm, 1/16W
R9638	24872394	Chip, 390k ohm, 1/16W
R9639	24872101	Chip, 100 ohm, 1/16W
R9640	24872101	Chip, 100 ohm, 1/16W
R9641	24872101	Chip, 100 ohm, 1/16W
R9642	24872101	Chip, 100 ohm, 1/16W
R9643	24872223	Chip, 22k ohm, 1/16W
R9644	24872101	Chip, 100 ohm, 1/16W
R9645	24872101	Chip, 100 ohm, 1/16W
R9646	24872101	Chip, 100 ohm, 1/16W
R9661	24872101	Chip, 100 ohm, 1/16W
R9662	24872473	Chip, 47k ohm, 1/16W
R9663	24872394	Chip, 390k ohm, 1/16W
R9664	24872394	Chip, 390k ohm, 1/16W
R9665	24872394	Chip, 390k ohm, 1/16W
R9666	24872394	Chip, 390k ohm, 1/16W
R9667	24872394	Chip, 390k ohm, 1/16W
R9668	24872394	Chip, 390k ohm, 1/16W
R9669	24872101	Chip, 100 ohm, 1/16W
R9670	24872101	Chip, 100 ohm, 1/16W
R9671	24872101	Chip, 100 ohm, 1/16W
R9672	24872101	Chip, 100 ohm, 1/16W
R9673	24872223	Chip, 22k ohm, 1/16W
R9674	24872101	Chip, 100 ohm, 1/16W
R9675	24872101	Chip, 100 ohm, 1/16W
R9676	24872101	Chip, 100 ohm, 1/16W
R9691	24000824	Chip, Jumper, 2125 type
R9692	24872332	Chip, 3300 ohm, 1/16W
R9701	24872332	Chip, 3300 ohm, 1/16W
R9702	24000824	Chip, Jumper, 2125 type
R9703	24872101	Chip, 100 ohm, 1/16W
R9704	24872102	Chip, 1k ohm, 1/16W
R9705	24872103	Chip, 10k ohm, 1/16W
R9706	24872431	Chip, 430 ohm, 1/16W
R9707	24872101	Chip, 100 ohm, 1/16W
R9708	24872750	Chip, 75 ohm, 1/16W
R9709	24872101	Chip, 100 ohm, 1/16W
R9710	24872102	Chip, 1k ohm, 1/16W
R9711	24872101	Chip, 100 ohm, 1/16W
R9712	24872750	Chip, 75 ohm, 1/16W
R9713	24872101	Chip, 100 ohm, 1/16W
R9714	24872102	Chip, 1k ohm, 1/16W
R9715	24872101	Chip, 100 ohm, 1/16W
R9716	24872750	Chip, 75 ohm, 1/16W
R9717	24872223	Chip, 22k ohm, 1/16W
R9718	24872223	Chip, 22k ohm, 1/16W
R9719	24872223	Chip, 22k ohm, 1/16W
R9720	24872223	Chip, 22k ohm, 1/16W
R9721	24872223	Chip, 22k ohm, 1/16W
R9722	24872223	Chip, 22k ohm, 1/16W
R9723	24872223	Chip, 22k ohm, 1/16W
R9724	24872223	Chip, 22k ohm, 1/16W
R9725	24000574	Chip, 2700 ohm, ±1%, 1/16W
R9726	24000574	Chip, 2700 ohm, ±1%, 1/16W
R9727	24000574	Chip, 2700 ohm, ±1%, 1/16W
R9728	24000574	Chip, 2700 ohm, ±1%, 1/16W
R9729	24872100	Chip, 10 ohm, 1/16W
R9730	24000574	Chip, 2700 ohm, ±1%, 1/16W
R9731	24000574	Chip, 2700 ohm, ±1%, 1/16W

Location No.	Part No.	Description
R9732	24872100	Chip, 10 ohm, 1/16W
R9733	24872100	Chip, 10 ohm, 1/16W
R9734	24872682	Chip, 6800 ohm, 1/16W
R9735	24872103	Chip, 10k ohm, 1/16W
R9736	24872103	Chip, 10k ohm, 1/16W
R9737	24872100	Chip, 10 ohm, 1/16W
R9738	24872100	Chip, 10 ohm, 1/16W
R9739	24872100	Chip, 10 ohm, 1/16W
R9740	24872100	Chip, 10 ohm, 1/16W
R9741	24872100	Chip, 10 ohm, 1/16W
R9742	24872100	Chip, 10 ohm, 1/16W
R9743	24872561	Chip, 560 ohm, 1/16W
R9744	24872332	Chip, 3300 ohm, 1/16W
R9745	24872203	Chip, 20k ohm, 1/16W
R9746	24872203	Chip, 20k ohm, 1/16W
R9747	24872203	Chip, 20k ohm, 1/16W
R9748	24872203	Chip, 20k ohm, 1/16W
R9749	24872203	Chip, 20k ohm, 1/16W
R9750	24069068	Chip, VR, 20k ohm, 1/10W
R9751	24069068	Chip, VR, 20k ohm, 1/10W
R9752	24069068	Chip, VR, 20k ohm, 1/10W
R9753	24069068	Chip, VR, 20k ohm, 1/10W
R9754	24069068	Chip, VR, 20k ohm, 1/10W
R9760	24872203	Chip, 20k ohm, 1/16W
R9761	24872203	Chip, 20k ohm, 1/16W
R9762	24872203	Chip, 20k ohm, 1/16W
R9763	24872203	Chip, 20k ohm, 1/16W
R9764	24872203	Chip, 20k ohm, 1/16W
R9765	24872203	Chip, 20k ohm, 1/16W
R9766	24872203	Chip, 20k ohm, 1/16W
R9767	24872203	Chip, 20k ohm, 1/16W
R9768	24872203	Chip, 20k ohm, 1/16W
R9769	24872203	Chip, 20k ohm, 1/16W
R9771	24872203	Chip, 20k ohm, 1/16W
R9772	24872203	Chip, 20k ohm, 1/16W
R9773	24872333	Chip, 33k ohm, 1/16W
R9774	24872332	Chip, 3300 ohm, 1/16W
R9775	24872561	Chip, 560 ohm, 1/16W
R9776	24872153	Chip, 15k ohm, 1/16W
R9777	24872822	Chip, 8200 ohm, 1/16W
R9778	24872122	Chip, 1200 ohm, 1/16W
R9799	24872332	Chip, 3300 ohm, 1/16W
R9800	24872561	Chip, 560 ohm, 1/16W
R9801	24872332	Chip, 3300 ohm, 1/16W
R9802	24872332	Chip, 3300 ohm, 1/16W
R9803	24872220	Chip, 22 ohm, 1/16W
R9804	24872332	Chip, 3300 ohm, 1/16W
R9805	24872332	Chip, 3300 ohm, 1/16W
R9806	24872220	Chip, 22 ohm, 1/16W
R9807	24872332	Chip, 3300 ohm, 1/16W
R9808	24872332	Chip, 3300 ohm, 1/16W
R9809	24872220	Chip, 22 ohm, 1/16W
R9810	24872332	Chip, 3300 ohm, 1/16W
R9811	24872332	Chip, 3300 ohm, 1/16W
R9812	24872220	Chip, 22 ohm, 1/16W
R9813	24872332	Chip, 3300 ohm, 1/16W
R9814	24872332	Chip, 3300 ohm, 1/16W
R9815	24872220	Chip, 22 ohm, 1/16W
R9816	24872332	Chip, 3300 ohm, 1/16W
R9817	24872332	Chip, 3300 ohm, 1/16W
R9818	24872220	Chip, 22 ohm, 1/16W
R9819	24872332	Chip, 3300 ohm, 1/16W
R9820	24872332	Chip, 3300 ohm, 1/16W
R9821	24872220	Chip, 22 ohm, 1/16W

Location No.	Part No.	Description
R9822	24872332	Chip, 3300 ohm, 1/16W
R9823	24872332	Chip, 3300 ohm, 1/16W
R9824	24872220	Chip, 22 ohm, 1/16W
R9825	24872332	Chip, 3300 ohm, 1/16W
R9826	24872332	Chip, 3300 ohm, 1/16W
R9827	24872220	Chip, 22 ohm, 1/16W
R9828	24872332	Chip, 3300 ohm, 1/16W
R9829	24872332	Chip, 3300 ohm, 1/16W
R9830	24872220	Chip, 22 ohm, 1/16W
R9831	24872332	Chip, 3300 ohm, 1/16W
R9832	24872332	Chip, 3300 ohm, 1/16W
R9833	24872220	Chip, 22 ohm, 1/16W
R9834	24872332	Chip, 3300 ohm, 1/16W
R9835	24872332	Chip, 3300 ohm, 1/16W
R9836	24872220	Chip, 22 ohm, 1/16W
R9837	24872332	Chip, 3300 ohm, 1/16W
R9838	24872332	Chip, 3300 ohm, 1/16W
R9839	24872220	Chip, 22 ohm, 1/16W
R9840	24872332	Chip, 3300 ohm, 1/16W
R9841	24872332	Chip, 3300 ohm, 1/16W
R9842	24872220	Chip, 22 ohm, 1/16W
R9843	24872332	Chip, 3300 ohm, 1/16W
R9844	24872332	Chip, 3300 ohm, 1/16W
R9845	24872220	Chip, 22 ohm, 1/16W
R9846	24872332	Chip, 3300 ohm, 1/16W
R9847	24872332	Chip, 3300 ohm, 1/16W
R9848	24872220	Chip, 22 ohm, 1/16W
R9849	24872332	Chip, 3300 ohm, 1/16W
R9850	24872332	Chip, 3300 ohm, 1/16W
R9851	24872220	Chip, 22 ohm, 1/16W
R9852	24872332	Chip, 3300 ohm, 1/16W
R9853	24872332	Chip, 3300 ohm, 1/16W
R9854	24872220	Chip, 22 ohm, 1/16W
R9901	24000576	Chip, Jumper, 3216 type
R9902	24872100	Chip, 10 ohm, 1/16W
R9903	24872100	Chip, 10 ohm, 1/16W
R9904	24000576	Chip, Jumper, 3216 type
R9905	24000576	Chip, Jumper, 3216 type
R9906	24872100	Chip, 10 ohm, 1/16W
R9907	24872100	Chip, 10 ohm, 1/16W
R9908	24000576	Chip, Jumper, 3216 type
R9909	24000576	Chip, Jumper, 3216 type
R9910	24872100	Chip, 10 ohm, 1/16W
R9911	24872100	Chip, 10 ohm, 1/16W
R9912	24000576	Chip, Jumper, 3216 type
R9913	24000576	Chip, Jumper, 3216 type
R9914	24872100	Chip, 10 ohm, 1/16W
R9915	24872100	Chip, 10 ohm, 1/16W
R9916	24000576	Chip, Jumper, 3216 type
R9917	24000576	Chip, Jumper, 3216 type
R9918	24872100	Chip, 10 ohm, 1/16W
R9919	24872100	Chip, 10 ohm, 1/16W
R9920	24000576	Chip, Jumper, 3216 type
R9921	24000576	Chip, Jumper, 3216 type
R9922	24872100	Chip, 10 ohm, 1/16W
R9923	24872100	Chip, 10 ohm, 1/16W
R9924	24000576	Chip, Jumper, 3216 type
R9925	24000576	Chip, Jumper, 3216 type
R9926	24872100	Chip, 10 ohm, 1/16W
R9927	24872100	Chip, 10 ohm, 1/16W
R9928	24000576	Chip, Jumper, 3216 type
R9929	24000576	Chip, Jumper, 3216 type
R9930	24872100	Chip, 10 ohm, 1/16W
R9931	24872100	Chip, 10 ohm, 1/16W

Location No.	Part No.	Description
R9932	24000576	Chip, Jumper, 3216 type
R9933	24000576	Chip, Jumper, 3216 type
R9934	24872100	Chip, 10 ohm, 1/16W
R9935	24872100	Chip, 10 ohm, 1/16W
R9936	24000576	Chip, Jumper, 3216 type
R9937	24000576	Chip, Jumper, 3216 type
R9938	24872100	Chip, 10 ohm, 1/16W
R9939	24872100	Chip, 10 ohm, 1/16W
R9940	24000576	Chip, Jumper, 3216 type
R9941	24000576	Chip, Jumper, 3216 type
R9942	24872100	Chip, 10 ohm, 1/16W
R9943	24872100	Chip, 10 ohm, 1/16W
R9944	24000576	Chip, Jumper, 3216 type
R9945	24000576	Chip, Jumper, 3216 type
R9946	24872100	Chip, 10 ohm, 1/16W
R9947	24872100	Chip, 10 ohm, 1/16W
R9948	24000576	Chip, Jumper, 3216 type
R9949	24000576	Chip, Jumper, 3216 type
R9950	24872100	Chip, 10 ohm, 1/16W
R9951	24872100	Chip, 10 ohm, 1/16W
R9952	24000576	Chip, Jumper, 3216 type
R9953	24000576	Chip, Jumper, 3216 type
R9954	24872100	Chip, 10 ohm, 1/16W
R9955	24872100	Chip, 10 ohm, 1/16W
R9956	24000576	Chip, Jumper, 3216 type
R9957	24000576	Chip, Jumper, 3216 type
R9958	24872100	Chip, 10 ohm, 1/16W
R9959	24872100	Chip, 10 ohm, 1/16W
R9960	24000576	Chip, Jumper, 3216 type
R9961	24000576	Chip, Jumper, 3216 type
R9962	24872100	Chip, 10 ohm, 1/16W
R9963	24872100	Chip, 10 ohm, 1/16W
R9964	24000576	Chip, Jumper, 3216 type
R9965	24000576	Chip, Jumper, 3216 type
R9966	24872100	Chip, 10 ohm, 1/16W
R9967	24872100	Chip, 10 ohm, 1/16W
R9968	24000576	Chip, Jumper, 3216 type
R9969	24000576	Chip, Jumper, 3216 type
R9970	24872100	Chip, 10 ohm, 1/16W
R9971	24872100	Chip, 10 ohm, 1/16W
R9972	24000576	Chip, Jumper, 3216 type
R9973	24872101	Chip, 100 ohm, 1/16W
R9974	24872101	Chip, 100 ohm, 1/16W
R9975	24872101	Chip, 100 ohm, 1/16W
R9976	24872101	Chip, 100 ohm, 1/16W
R9977	24872101	Chip, 100 ohm, 1/16W
R9978	24872101	Chip, 100 ohm, 1/16W
R9979	24872101	Chip, 100 ohm, 1/16W
R9980	24872101	Chip, 100 ohm, 1/16W
R9981	24872101	Chip, 100 ohm, 1/16W
R9982	24872101	Chip, 100 ohm, 1/16W
R9983	24872101	Chip, 100 ohm, 1/16W
R9984	24872101	Chip, 100 ohm, 1/16W
R9985	24872101	Chip, 100 ohm, 1/16W
R9986	24872101	Chip, 100 ohm, 1/16W
R9987	24872101	Chip, 100 ohm, 1/16W
R9988	24872750	Chip, 75 ohm, 1/16W
R9989	24872101	Chip, 100 ohm, 1/16W
R9990	24872101	Chip, 100 ohm, 1/16W
R9991	24872473	Chip, 47k ohm, 1/16W
R9992	24069068	Chip, VR, 20k ohm, 1/10W
R9993	24872562	Chip, 5600 ohm, 1/16W
R9994	24872203	Chip, 20k ohm, 1/16W
RA02	24872101	Chip, 100 ohm, 1/16W

Location No.	Part No.	Description
RA03	24872102	Chip, 1k ohm, 1/16W
RA04	24872102	Chip, 1k ohm, 1/16W
RA05	24872102	Chip, 1k ohm, 1/16W
RA06	24872102	Chip, 1k ohm, 1/16W
RA07	24872102	Chip, 1k ohm, 1/16W
RA08	24872102	Chip, 1k ohm, 1/16W
RA09	24872102	Chip, 1k ohm, 1/16W
RA10	24872103	Chip, 10k ohm, 1/16W
RA12	24872102	Chip, 1k ohm, 1/16W
RA13	24872682	Chip, 6800 ohm, 1/16W
RA14	24872103	Chip, 10k ohm, 1/16W
RA16	24872102	Chip, 1k ohm, 1/16W
RA17	24872102	Chip, 1k ohm, 1/16W
RA18	24872102	Chip, 1k ohm, 1/16W
RA19	24872101	Chip, 100 ohm, 1/16W
RA20	24872102	Chip, 1k ohm, 1/16W
RA22	24872103	Chip, 10k ohm, 1/16W
RA23	24872103	Chip, 10k ohm, 1/16W
RA24	24872103	Chip, 10k ohm, 1/16W
RA25	24872103	Chip, 10k ohm, 1/16W
RA26	24872102	Chip, 1k ohm, 1/16W
RA27	24872102	Chip, 1k ohm, 1/16W
RA33	24872102	Chip, 1k ohm, 1/16W
RA35	24872102	Chip, 1k ohm, 1/16W
RA36	24872472	Chip, 4700 ohm, 1/16W
RA37	24872101	Chip, 100 ohm, 1/16W
RA38	24872101	Chip, 100 ohm, 1/16W
RA39	24872102	Chip, 1k ohm, 1/16W
RA40	24872102	Chip, 1k ohm, 1/16W
RA41	24872331	Chip, 330 ohm, 1/16W
RA50	24872273	Chip, 27k ohm, 1/16W
RA51	24872103	Chip, 10k ohm, 1/16W
RA52	24872103	Chip, 10k ohm, 1/16W
RA53	24872182	Chip, 1800 ohm, 1/16W
RA54	24872101	Chip, 100 ohm, 1/16W
RA55	24872102	Chip, 1k ohm, 1/16W
RA56	24872103	Chip, 10k ohm, 1/16W
RA60	24872103	Chip, 10k ohm, 1/16W
RA61	24872103	Chip, 10k ohm, 1/16W
RA62	24872103	Chip, 10k ohm, 1/16W
RA64	24872153	Chip, 15k ohm, 1/16W
RA65	24872472	Chip, 4700 ohm, 1/16W
RA66	24872332	Chip, 3300 ohm, 1/16W
RA67	24872273	Chip, 27k ohm, 1/16W
RA68	24872273	Chip, 27k ohm, 1/16W
RA69	24872103	Chip, 10k ohm, 1/16W
RA80	24366472	CF, 4700 ohm
RA82	24366103	CF, 10k ohm
RA83	24366103	CF, 10k ohm
RA100	24366333	CF, 33k ohm
RA101	24366333	CF, 33k ohm
RA102	24366101	CF, 100 ohm
RA103	24366101	CF, 100 ohm
RA104	24366472	CF, 4700 ohm
RA105	24366622	CF, 6200 ohm
RA106	24366912	CF, 9100 ohm
RA107	24366133	CF, 13k ohm
RA108	24366223	CF, 22k ohm
RA109	24366271	CF, 270 ohm
RA110	24366271	CF, 270 ohm
RA111	24366271	CF, 270 ohm
RA112	24366271	CF, 270 ohm
RA113	24366103	CF, 10k ohm
RA114	24366103	CF, 10k ohm

Location No.	Part No.	Description
RA115	24366103	CF, 10k ohm
RA116	24366103	CF, 10k ohm
RA117	24366470	CF, 47 ohm
RB02	24872102	Chip, 1k ohm, 1/16W
RB03	24872102	Chip, 1k ohm, 1/16W
RB04	24872102	Chip, 1k ohm, 1/16W
RB05	24872102	Chip, 1k ohm, 1/16W
RB08	24872102	Chip, 1k ohm, 1/16W
RB09	24872102	Chip, 1k ohm, 1/16W
RB10	24872102	Chip, 1k ohm, 1/16W
RB12	24872101	Chip, 100 ohm, 1/16W
RB15	24872102	Chip, 1k ohm, 1/16W
RB26	24872102	Chip, 1k ohm, 1/16W
RB27	24872102	Chip, 1k ohm, 1/16W
RB33	24872471	Chip, 470 ohm, 1/16W
RB35	24872102	Chip, 1k ohm, 1/16W
RB36	24872102	Chip, 1k ohm, 1/16W
RB37	24872101	Chip, 100 ohm, 1/16W
RB38	24872101	Chip, 100 ohm, 1/16W
RB39	24872101	Chip, 100 ohm, 1/16W
RB40	24872101	Chip, 100 ohm, 1/16W
RB41	24872102	Chip, 1k ohm, 1/16W
RB43	24872103	Chip, 10k ohm, 1/16W
RB44	24872103	Chip, 10k ohm, 1/16W
RB45	24872223	Chip, 22k ohm, 1/16W
RB48	24872103	Chip, 10k ohm, 1/16W
RB52	24872103	Chip, 10k ohm, 1/16W
RB53	24872103	Chip, 10k ohm, 1/16W
RB54	24872103	Chip, 10k ohm, 1/16W
RB55	24872472	Chip, 4700 ohm, 1/16W
RB56	24872472	Chip, 4700 ohm, 1/16W
RB57	24872103	Chip, 10k ohm, 1/16W
RB58	24872101	Chip, 100 ohm, 1/16W
RB59	24872101	Chip, 100 ohm, 1/16W
RB60	24872473	Chip, 47k ohm, 1/16W
RB61	24872122	Chip, 1200 ohm, 1/16W
RB62	24872562	Chip, 5600 ohm, 1/16W
RB63	24872123	Chip, 12k ohm, 1/16W
RB64	24872123	Chip, 12k ohm, 1/16W
RB65	24872102	Chip, 1k ohm, 1/16W
RB66	24872103	Chip, 10k ohm, 1/16W
RB67	24872103	Chip, 10k ohm, 1/16W
RB81	24366122	CF, 1200 ohm
RB82	24366123	CF, 12k ohm
RB83	24366123	CF, 12k ohm
RB84	24366562	CF, 5600 ohm
RB90	24366392	CF, 3900 ohm
RB91	24366473	CF, 47k ohm
RB92	24366271	CF, 270 ohm
RB93	24366271	CF, 270 ohm
RB94	24366222	CF, 2200 ohm
RB95	24366222	CF, 2200 ohm
RB98	24366102	CF, 1k ohm
RC100	24366681	CF, 680 ohm
RC101	24366681	CF, 680 ohm
RC102	24366681	CF, 680 ohm
RC103	24366681	CF, 680 ohm
RE12	24872101	Chip, 100 ohm, 1/16W
RE13	24872101	Chip, 100 ohm, 1/16W
RE14	24872101	Chip, 100 ohm, 1/16W
RE15	24872101	Chip, 100 ohm, 1/16W
RE19	24872102	Chip, 1k ohm, 1/16W
RE20	24872102	Chip, 1k ohm, 1/16W
RF01	24872332	Chip, 3300 ohm, 1/16W

Location No.	Part No.	Description
RF03	24872682	Chip, 6800 ohm, 1/16W
RF04	24872223	Chip, 22k ohm, 1/16W
RF06	24872102	Chip, 1k ohm, 1/16W
RF08	24872100	Chip, 10 ohm, 1/16W
RF09	24872100	Chip, 10 ohm, 1/16W
RF10	24872100	Chip, 10 ohm, 1/16W
RF11	24872103	Chip, 10k ohm, 1/16W
RF12	24872101	Chip, 100 ohm, 1/16W
RF13	24872101	Chip, 100 ohm, 1/16W
RF14	24872101	Chip, 100 ohm, 1/16W
RF15	24872103	Chip, 10k ohm, 1/16W
RF16	24872471	Chip, 470 ohm, 1/16W
RF20	24872472	Chip, 4700 ohm, 1/16W
RF21	24000824	Chip, Jumper, 2125 type
RF22	24872102	Chip, 1k ohm, 1/16W
RF24	24872102	Chip, 1k ohm, 1/16W
RF26	24872102	Chip, 1k ohm, 1/16W
RF27	24872103	Chip, 10k ohm, 1/16W
RF28	24872102	Chip, 1k ohm, 1/16W
RF29	24872103	Chip, 10k ohm, 1/16W
RF30	24872103	Chip, 10k ohm, 1/16W
RF38	24872153	Chip, 15k ohm, 1/16W
RF39	24872472	Chip, 4700 ohm, 1/16W
RG01	24366223	CF, 22k ohm
RG02	24366223	CF, 22k ohm
RG03	24366101	CF, 100 ohm
RG04	24366101	CF, 100 ohm
RG05	24366101	CF, 100 ohm
RG07	24366101	CF, 100 ohm
RG08	24366101	CF, 100 ohm
RG09	24366103	CF, 10k ohm
RG10	24366103	CF, 10k ohm
RG11	24366103	CF, 10k ohm
RG12	24366103	CF, 10k ohm
RQ01	24872102	Chip, 1k ohm, 1/16W
RQ02	24872475	Chip, 4.7M ohm, 1/16W
RQ03	24872102	Chip, 1k ohm, 1/16W
RQ04	24872511	Chip, 510 ohm, 1/16W
RQ05	24872471	Chip, 470 ohm, 1/16W
RQ06	24872471	Chip, 470 ohm, 1/16W
RQ07	24872103	Chip, 10k ohm, 1/16W
RQ08	24872102	Chip, 1k ohm, 1/16W
RQ09	24872102	Chip, 1k ohm, 1/16W
RQ10	24872102	Chip, 1k ohm, 1/16W
RQ11	24872561	Chip, 560 ohm, 1/16W
RQ12	24872561	Chip, 560 ohm, 1/16W
RQ13	24872203	Chip, 20k ohm, 1/16W
RQ14	24872273	Chip, 27k ohm, 1/16W
RQ20	24872563	Chip, 56k ohm, 1/16W
RR10	24366103	CF, 10k ohm
RR11	24366473	CF, 47k ohm
RR12	24366101	CF, 100 ohm
RR14	24366473	CF, 47k ohm
RR15	24366473	CF, 47k ohm
RR20	24872103	Chip, 10k ohm, 1/16W
RR23	24366101	CF, 100 ohm
RR24	24366472	CF, 4700 ohm
RR28	24872473	Chip, 47k ohm, 1/16W
RR29	24872473	Chip, 47k ohm, 1/16W
RR40	24366682	CF, 6800 ohm
RR41	24366152	CF, 1500 ohm
RS01	24872681	Chip, 680 ohm, 1/16W
RS02	24872681	Chip, 680 ohm, 1/16W
RS03	24872101	Chip, 100 ohm, 1/16W

Location No.	Part No.	Description
RS04	24872101	Chip, 100 ohm, 1/16W
RS05	24872472	Chip, 4700 ohm, 1/16W
RS06	24872472	Chip, 4700 ohm, 1/16W
RS07	24872472	Chip, 4700 ohm, 1/16W
RS08	24872472	Chip, 4700 ohm, 1/16W
RS09	24872472	Chip, 4700 ohm, 1/16W
RS10	24872472	Chip, 4700 ohm, 1/16W
RS11	24872101	Chip, 100 ohm, 1/16W
RS15	24872104	Chip, 100k ohm, 1/16W
RS16	24872104	Chip, 100k ohm, 1/16W
RS17	24872223	Chip, 22k ohm, 1/16W
RS18	24872223	Chip, 22k ohm, 1/16W
RS19	24872102	Chip, 1k ohm, 1/16W
RS20	24872102	Chip, 1k ohm, 1/16W
RS21	24872222	Chip, 2200 ohm, 1/16W
RS22	24872222	Chip, 2200 ohm, 1/16W
RS23	24872101	Chip, 100 ohm, 1/16W
RS24	24872101	Chip, 100 ohm, 1/16W
RS27	24872104	Chip, 100k ohm, 1/16W
RS28	24872104	Chip, 100k ohm, 1/16W
RS29	24872223	Chip, 22k ohm, 1/16W
RS30	24872223	Chip, 22k ohm, 1/16W
RS31	24872103	Chip, 10k ohm, 1/16W
RS32	24872104	Chip, 100k ohm, 1/16W
RS35	24872223	Chip, 22k ohm, 1/16W
RS36	24872223	Chip, 22k ohm, 1/16W
RS37	24872104	Chip, 100k ohm, 1/16W
RS38	24872104	Chip, 100k ohm, 1/16W
RS43	24872681	Chip, 680 ohm, 1/16W
RS44	24872681	Chip, 680 ohm, 1/16W
RS45	24872681	Chip, 680 ohm, 1/16W
RS46	24872681	Chip, 680 ohm, 1/16W
RS56	24872102	Chip, 1k ohm, 1/16W
RS57	24872223	Chip, 22k ohm, 1/16W
RS58	24872104	Chip, 100k ohm, 1/16W
RS59	24872681	Chip, 680 ohm, 1/16W
RS60	24872102	Chip, 1k ohm, 1/16W
RS70	24872103	Chip, 10k ohm, 1/16W
RS71	24872473	Chip, 47k ohm, 1/16W
RS72	24872473	Chip, 47k ohm, 1/16W
RS73	24872103	Chip, 10k ohm, 1/16W
RS74	24872101	Chip, 100 ohm, 1/16W
RS75	24872101	Chip, 100 ohm, 1/16W
RS76	24872473	Chip, 47k ohm, 1/16W
RS77	24872473	Chip, 47k ohm, 1/16W
RS78	24872223	Chip, 22k ohm, 1/16W
RS79	24872562	Chip, 5600 ohm, 1/16W
RS80	24872473	Chip, 47k ohm, 1/16W
RS81	24872393	Chip, 39k ohm, 1/16W
RS82	24872101	Chip, 100 ohm, 1/16W
RS83	24872563	Chip, 56k ohm, 1/16W
RS84	24872393	Chip, 39k ohm, 1/16W
RS85	24872101	Chip, 100 ohm, 1/16W
RS86	24872563	Chip, 56k ohm, 1/16W
RS87	24872562	Chip, 5600 ohm, 1/16W
RS88	24872392	Chip, 3900 ohm, 1/16W
RS89	24872392	Chip, 3900 ohm, 1/16W
RS90	24872562	Chip, 5600 ohm, 1/16W
RS100	24366223	CF, 22k ohm
RS101	24366223	CF, 22k ohm
RV01	24872101	Chip, 100 ohm, 1/16W
RV02	24872101	Chip, 100 ohm, 1/16W
RV03	24872101	Chip, 100 ohm, 1/16W
RV04	24872101	Chip, 100 ohm, 1/16W

Location No.	Part No.	Description
RV05	24872101	Chip, 100 ohm, 1/16W
RV06	24872101	Chip, 100 ohm, 1/16W
RV07	24872162	Chip, 1600 ohm, 1/16W
RV08	24872162	Chip, 1600 ohm, 1/16W
RV09	24872101	Chip, 100 ohm, 1/16W
RV10	24872101	Chip, 100 ohm, 1/16W
RV12	24872681	Chip, 680 ohm, 1/16W
RV13	24872681	Chip, 680 ohm, 1/16W
RV16	24872271	Chip, 270 ohm, 1/16W
RV18	24872123	Chip, 12k ohm, 1/16W
RV19	24872101	Chip, 100 ohm, 1/16W
RV20	24872101	Chip, 100 ohm, 1/16W
RV21	24872102	Chip, 1k ohm, 1/16W
RV22	24872391	Chip, 390 ohm, 1/16W
RV23	24552101	OMF, 100 ohm, 1/2W
RV25	24872101	Chip, 100 ohm, 1/16W
RV26	24366181	CF, 180 ohm
RV27	24872750	Chip, 75 ohm, 1/16W
RV28	24872683	Chip, 68k ohm, 1/16W
RV29	24872273	Chip, 27k ohm, 1/16W
RV30	24872750	Chip, 75 ohm, 1/16W
RV31	24872750	Chip, 75 ohm, 1/16W
RV32	24872750	Chip, 75 ohm, 1/16W
RV33	24872123	Chip, 12k ohm, 1/16W
RV34	24872123	Chip, 12k ohm, 1/16W
RV35	24872103	Chip, 10k ohm, 1/16W
RV37	24872750	Chip, 75 ohm, 1/16W
RV60	24872102	Chip, 1k ohm, 1/16W
RV61	24552101	OMF, 100 ohm, 1/2W
RV62	24872101	Chip, 100 ohm, 1/16W
RV63	24552151	OMF, 150 ohm, 1/2W
RV64	24872750	Chip, 75 ohm, 1/16W
RV65	24552101	OMF, 100 ohm, 1/2W
RV66	24872101	Chip, 100 ohm, 1/16W
RV67	24552151	OMF, 150 ohm, 1/2W
RV68	24872750	Chip, 75 ohm, 1/16W
RV70	24872101	Chip, 100 ohm, 1/16W
RV71	24872472	Chip, 4700 ohm, 1/16W
RV73	24872103	Chip, 10k ohm, 1/16W
RV74	24872104	Chip, 100k ohm, 1/16W
RV78	24872100	Chip, 10 ohm, 1/16W
RV79	24872471	Chip, 470 ohm, 1/16W
RV80	24872271	Chip, 270 ohm, 1/16W
RV81	24872750	Chip, 75 ohm, 1/16W
RV82	24872101	Chip, 100 ohm, 1/16W
RV85	24872560	Chip, 56 ohm, 1/16W
RV86	24872560	Chip, 56 ohm, 1/16W
RV87	24872560	Chip, 56 ohm, 1/16W
RV89	24872750	Chip, 75 ohm, 1/16W
RV90	24872681	Chip, 680 ohm, 1/16W
RV91	24872681	Chip, 680 ohm, 1/16W
RV91	24872681	Chip, 680 ohm, 1/16W
RV92	24872100	Chip, 10 ohm, 1/16W
RV92	24872100	Chip, 10 ohm, 1/16W
RV93	24872104	Chip, 100k ohm, 1/16W
RV93	24872104	Chip, 100k ohm, 1/16W
RV94	24872103	Chip, 10k ohm, 1/16W
RV94	24872103	Chip, 10k ohm, 1/16W
RV95	24872472	Chip, 4700 ohm, 1/16W
RV95	24872472	Chip, 4700 ohm, 1/16W
RV97	24872101	Chip, 100 ohm, 1/16W
RV100	24366750	CF, 75 ohm
RV101	24366750	CF, 75 ohm
RV102	24366750	CF, 75 ohm

Location No.	Part No.	Description
RV208	24366102	CF, 1k ohm
RV209	24366102	CF, 1k ohm
RV210	24366102	CF, 1k ohm
RV211	24366102	CF, 1k ohm
RV212	24366102	CF, 1k ohm
RV213	24366102	CF, 1k ohm
RV230	24366103	CF, 10k ohm
RV231	24366101	CF, 100 ohm
RV232	24366472	CF, 4700 ohm
RV233	24366102	CF, 1k ohm
RV234	24366103	CF, 10k ohm
RV235	24366101	CF, 100 ohm
RV236	24366472	CF, 4700 ohm
RV237	24366102	CF, 1k ohm
RV238	24366103	CF, 10k ohm
RV239	24366101	CF, 100 ohm
RV240	24366472	CF, 4700 ohm
RV241	24366102	CF, 1k ohm
RV245	24366151	CF, 150 ohm
RV246	24366151	CF, 150 ohm
RV247	24366151	CF, 150 ohm
RV248	24366102	CF, 1k ohm
RV249	24366102	CF, 1k ohm
RV250	24366102	CF, 1k ohm
RV252	24366103	CF, 10k ohm
RV253	24366103	CF, 10k ohm
RV260	24366102	CF, 1k ohm
RV261	24366104	CF, 100k ohm
RV262	24366223	CF, 22k ohm
RV263	24366103	CF, 10k ohm
RV264	24366152	CF, 1500 ohm
RV265	24366152	CF, 1500 ohm
RV266	24366152	CF, 1500 ohm
RX101	24872102	Chip, 1k ohm, 1/16W
RX102	24872105	Chip, 1M ohm, 1/16W
RX103	24872121	Chip, 120 ohm, 1/16W
RX104	24872102	Chip, 1k ohm, 1/16W
RX106	24871221	Chip, 220 ohm, 1/8W
RX107	24000824	Chip, Jumper, 2125 type
RX121	24872102	Chip, 1k ohm, 1/16W
RX122	24872683	Chip, 68k ohm, 1/16W
RX123	24872823	Chip, 82k ohm, 1/16W
RX124	24872331	Chip, 330 ohm, 1/16W
RX125	24872331	Chip, 330 ohm, 1/16W
RX126	24872183	Chip, 18k ohm, 1/16W
RX127	24872223	Chip, 22k ohm, 1/16W
RX128	24872821	Chip, 820 ohm, 1/16W
RX129	24872470	Chip, 47 ohm, 1/16W
RX130	24872152	Chip, 1500 ohm, 1/16W
RX131	24872121	Chip, 120 ohm, 1/16W
RX132	24872821	Chip, 820 ohm, 1/16W
RX133	24871471	Chip, 470 ohm, 1/8W
RX135	24872152	Chip, 1500 ohm, 1/16W
RX141	24872102	Chip, 1k ohm, 1/16W
RX142	24872683	Chip, 68k ohm, 1/16W
RX143	24872823	Chip, 82k ohm, 1/16W
RX144	24872331	Chip, 330 ohm, 1/16W
RX145	24872331	Chip, 330 ohm, 1/16W
RX146	24872183	Chip, 18k ohm, 1/16W
RX147	24872223	Chip, 22k ohm, 1/16W
RX148	24872821	Chip, 820 ohm, 1/16W
RX149	24872470	Chip, 47 ohm, 1/16W
RX150	24872152	Chip, 1500 ohm, 1/16W
RX151	24872121	Chip, 120 ohm, 1/16W

Location No.	Part No.	Description
RX152	24872821	Chip, 820 ohm, 1/16W
RX153	24871471	Chip, 470 ohm, 1/8W
RX155	24872152	Chip, 1500 ohm, 1/16W
RX160	24872271	Chip, 270 ohm, 1/16W
RX161	24872102	Chip, 1k ohm, 1/16W
RX162	24872102	Chip, 1k ohm, 1/16W
RX301	24872100	Chip, 10 ohm, 1/16W
RX302	24872100	Chip, 10 ohm, 1/16W
RX303	24872100	Chip, 10 ohm, 1/16W
RX304	24872100	Chip, 10 ohm, 1/16W
RX305	24872100	Chip, 10 ohm, 1/16W
RX306	24872100	Chip, 10 ohm, 1/16W
RX307	24872100	Chip, 10 ohm, 1/16W
RX308	24872100	Chip, 10 ohm, 1/16W
RX309	24872103	Chip, 10k ohm, 1/16W
RX310	24872103	Chip, 10k ohm, 1/16W
RX311	24872103	Chip, 10k ohm, 1/16W
RX315	24872330	Chip, 33 ohm, 1/16W
RX316	24872330	Chip, 33 ohm, 1/16W
RX317	24872330	Chip, 33 ohm, 1/16W
RX318	24872101	Chip, 100 ohm, 1/16W
RX319	24872100	Chip, 10 ohm, 1/16W
RX320	24872100	Chip, 10 ohm, 1/16W
RX321	24872100	Chip, 10 ohm, 1/16W
RX322	24872100	Chip, 10 ohm, 1/16W
RX323	24872100	Chip, 10 ohm, 1/16W
RX324	24872100	Chip, 10 ohm, 1/16W
RX325	24872100	Chip, 10 ohm, 1/16W
RX326	24872100	Chip, 10 ohm, 1/16W
RX327	24872103	Chip, 10k ohm, 1/16W
RX328	24872103	Chip, 10k ohm, 1/16W
RX329	24872103	Chip, 10k ohm, 1/16W
RX330	24872103	Chip, 10k ohm, 1/16W
RX331	24872103	Chip, 10k ohm, 1/16W
RX332	24872103	Chip, 10k ohm, 1/16W
RX333	24872103	Chip, 10k ohm, 1/16W
RX334	24872103	Chip, 10k ohm, 1/16W
RX335	24872273	Chip, 27k ohm, 1/16W
RX336	24872273	Chip, 27k ohm, 1/16W
RX337	24872123	Chip, 12k ohm, 1/16W
RX338	24000824	Chip, Jumper, 2125 type
RX339	24000824	Chip, Jumper, 2125 type
RX340	24872333	Chip, 33k ohm, 1/16W
RX341	24872103	Chip, 10k ohm, 1/16W
RX342	24872103	Chip, 10k ohm, 1/16W
RX343	24872102	Chip, 1k ohm, 1/16W
RX345	24872273	Chip, 27k ohm, 1/16W
RX346	24872273	Chip, 27k ohm, 1/16W
RX347	24000824	Chip, Jumper, 2125 type
RX348	24872302	Chip, 3k ohm, 1/16W
RX349	24872102	Chip, 1k ohm, 1/16W
RX352	24872101	Chip, 100 ohm, 1/16W
RX359	24871100	Chip, 10 ohm, 1/8W
RX360	24000824	Chip, Jumper, 2125 type
RX361	24000824	Chip, Jumper, 2125 type
RX363	24872910	Chip, 91 ohm, 1/16W
RX365	24872181	Chip, 180 ohm, 1/16W
RX366	24872223	Chip, 22k ohm, 1/16W
RX367	24872563	Chip, 56k ohm, 1/16W
RX368	24000824	Chip, Jumper, 2125 type
RX369	24872330	Chip, 33 ohm, 1/16W
RX378	24872100	Chip, 10 ohm, 1/16W
RX379	24872100	Chip, 10 ohm, 1/16W
RX380	24872100	Chip, 10 ohm, 1/16W

Location No.	Part No.	Description
RX381	24872100	Chip, 10 ohm, 1/16W
RX382	24872100	Chip, 10 ohm, 1/16W
RX383	24872100	Chip, 10 ohm, 1/16W
RX384	24872100	Chip, 10 ohm, 1/16W
RX385	24872100	Chip, 10 ohm, 1/16W
RX386	24872101	Chip, 100 ohm, 1/16W
RX387	24872561	Chip, 560 ohm, 1/16W
RX388	24872101	Chip, 100 ohm, 1/16W
RX389	24872101	Chip, 100 ohm, 1/16W
RX390	24872561	Chip, 560 ohm, 1/16W
RX394	24872561	Chip, 560 ohm, 1/16W
RX395	24872101	Chip, 100 ohm, 1/16W
RX401	24872680	Chip, 68 ohm, 1/16W
RX402	24872680	Chip, 68 ohm, 1/16W
RX403	24872333	Chip, 33k ohm, 1/16W
RX410	24872100	Chip, 10 ohm, 1/16W
RX413	24872100	Chip, 10 ohm, 1/16W
RX423	24872103	Chip, 10k ohm, 1/16W
RX424	24872273	Chip, 27k ohm, 1/16W
RX425	24872103	Chip, 10k ohm, 1/16W
RX426	24872273	Chip, 27k ohm, 1/16W
RX427	24872622	Chip, 6200 ohm, 1/16W
RX428	24872392	Chip, 3900 ohm, 1/16W
RX429	24872103	Chip, 10k ohm, 1/16W
RX430	24872101	Chip, 100 ohm, 1/16W
RX431	24872101	Chip, 100 ohm, 1/16W
RX432	24872101	Chip, 100 ohm, 1/16W
RX433	24872101	Chip, 100 ohm, 1/16W
RX434	24872101	Chip, 100 ohm, 1/16W
RX435	24872101	Chip, 100 ohm, 1/16W
RX436	24872101	Chip, 100 ohm, 1/16W
RX437	24872101	Chip, 100 ohm, 1/16W
RX441	24872680	Chip, 68 ohm, 1/16W
RX442	24872680	Chip, 68 ohm, 1/16W
RX443	24872101	Chip, 100 ohm, 1/16W
RX444	24872101	Chip, 100 ohm, 1/16W
RX445	24872101	Chip, 100 ohm, 1/16W
RX446	24872101	Chip, 100 ohm, 1/16W
RX451	24872680	Chip, 68 ohm, 1/16W
RX452	24872680	Chip, 68 ohm, 1/16W
RX460	24872100	Chip, 10 ohm, 1/16W
RX461	24872100	Chip, 10 ohm, 1/16W
RX462	24872100	Chip, 10 ohm, 1/16W
RX463	24872100	Chip, 10 ohm, 1/16W
RX464	24872100	Chip, 10 ohm, 1/16W
RX465	24872100	Chip, 10 ohm, 1/16W
RX466	24872100	Chip, 10 ohm, 1/16W
RX467	24872100	Chip, 10 ohm, 1/16W
RX476	24872100	Chip, 10 ohm, 1/16W
RX477	24872100	Chip, 10 ohm, 1/16W
RX478	24872100	Chip, 10 ohm, 1/16W
RX479	24872100	Chip, 10 ohm, 1/16W
RX480	24872100	Chip, 10 ohm, 1/16W
RX481	24872100	Chip, 10 ohm, 1/16W
RX482	24872100	Chip, 10 ohm, 1/16W
RX483	24872100	Chip, 10 ohm, 1/16W
RX492	24872103	Chip, 10k ohm, 1/16W
RX493	24872103	Chip, 10k ohm, 1/16W
RX494	24872103	Chip, 10k ohm, 1/16W
RX495	24872103	Chip, 10k ohm, 1/16W
RX496	24872103	Chip, 10k ohm, 1/16W
RX497	24872103	Chip, 10k ohm, 1/16W
RX498	24872103	Chip, 10k ohm, 1/16W
RX501	24872100	Chip, 10 ohm, 1/16W

Location No.	Part No.	Description
RX502	24872100	Chip, 10 ohm, 1/16W
RX503	24872100	Chip, 10 ohm, 1/16W
RX511	24872470	Chip, 47 ohm, 1/16W
RX512	24872470	Chip, 47 ohm, 1/16W
RX513	24872470	Chip, 47 ohm, 1/16W
RX521	24871471	Chip, 470 ohm, 1/8W
RX522	24872121	Chip, 120 ohm, 1/16W
RX523	24872102	Chip, 1k ohm, 1/16W
RX525	24872100	Chip, 10 ohm, 1/16W
RX531	24871471	Chip, 470 ohm, 1/8W
RX532	24872121	Chip, 120 ohm, 1/16W
RX533	24872821	Chip, 820 ohm, 1/16W
RX534	24871331	Chip, 330 ohm, 1/8W
RX535	24872220	Chip, 22 ohm, 1/16W
RX541	24871471	Chip, 470 ohm, 1/8W
RX542	24872121	Chip, 120 ohm, 1/16W
RX543	24872821	Chip, 820 ohm, 1/16W
RX544	24871331	Chip, 330 ohm, 1/8W
RX545	24872220	Chip, 22 ohm, 1/16W
RX612	24872101	Chip, 100 ohm, 1/16W
RX615	24872224	Chip, 220k ohm, 1/16W
RX616	24872331	Chip, 330 ohm, 1/16W
RX801	24872101	Chip, 100 ohm, 1/16W
RX802	24872101	Chip, 100 ohm, 1/16W
RX803	24872101	Chip, 100 ohm, 1/16W
RX804	24872101	Chip, 100 ohm, 1/16W
RX805	24872471	Chip, 470 ohm, 1/16W
RX807	24872101	Chip, 100 ohm, 1/16W
RX808	24872101	Chip, 100 ohm, 1/16W
RX811	24872471	Chip, 470 ohm, 1/16W
RX812	24872471	Chip, 470 ohm, 1/16W
RX821	24872470	Chip, 47 ohm, 1/16W
RX822	24872101	Chip, 100 ohm, 1/16W
RX823	24872101	Chip, 100 ohm, 1/16W
RX824	24872101	Chip, 100 ohm, 1/16W
RX825	24872101	Chip, 100 ohm, 1/16W
RX826	24872221	Chip, 220 ohm, 1/16W
RX827	24872471	Chip, 470 ohm, 1/16W
RX852	24000576	Chip, Jumper, 3216 type
RX853	24000576	Chip, Jumper, 3216 type
RX861	24000824	Chip, Jumper, 2125 type
RX862	24872101	Chip, 100 ohm, 1/16W
RX863	24872101	Chip, 100 ohm, 1/16W
RZ01	24872471	Chip, 470 ohm, 1/16W
RZ02	24872152	Chip, 1500 ohm, 1/16W
RZ04	24872332	Chip, 3300 ohm, 1/16W
RZ05	24872332	Chip, 3300 ohm, 1/16W
RZ06	24872821	Chip, 820 ohm, 1/16W
RZ07	24872272	Chip, 2700 ohm, 1/16W
RZ08	24872332	Chip, 3300 ohm, 1/16W
RZ12	24872471	Chip, 470 ohm, 1/16W
RZ18	24872821	Chip, 820 ohm, 1/16W
RZ19	24872471	Chip, 470 ohm, 1/16W
RZ20	24872122	Chip, 1200 ohm, 1/16W
RZ23	24872821	Chip, 820 ohm, 1/16W
RZ24	24872821	Chip, 820 ohm, 1/16W
RZ25	24872101	Chip, 100 ohm, 1/16W
RZ26	24872101	Chip, 100 ohm, 1/16W
RZ28	24872821	Chip, 820 ohm, 1/16W
RZ29	24872101	Chip, 100 ohm, 1/16W
RZ30	24872101	Chip, 100 ohm, 1/16W

Location No.	Part No.	Description
COILS & TRANSFORMERS		
L101	23221803	Coil, Choke, TLN3040D
L200	23289838	Coil, Peaking, TRF44R7AT
L202	23238712	Coil, Peaking, TRF4150AJ
L333	23238702	Coil, Peaking, TRF4101AJ
L400	23289846	Coil, Peaking, TRF4101AT
L501	23289840	Coil, Peaking, TRF4100AT
L503	23289844	Coil, Peaking, TRF4470AT
L616	23103845	Filter, TEM2030AY
L676	23103832	Chip (Ferrite Bead), TEM2125M
L677	23103832	Chip (Ferrite Bead), TEM2125M
L682	23103832	Chip (Ferrite Bead), TEM2125M
L683	23103832	Chip (Ferrite Bead), TEM2125M
L684	23289109	Coil, Peaking, TRF41R0AF
L685	23289109	Coil, Peaking, TRF41R0AF
L702	23103864	Chip (Ferrite Bead), TEM2103T
L703	23103864	Chip (Ferrite Bead), TEM2103T
L704	23103864	Chip (Ferrite Bead), TEM2103T
L705	23103864	Chip (Ferrite Bead), TEM2103T
L707	23103822	Chip (Ferrite Bead), TEM2117T
L710	23103822	Chip (Ferrite Bead), TEM2117T
L711	23103822	Chip (Ferrite Bead), TEM2117T
L712	23103822	Chip (Ferrite Bead), TEM2117T
L715	23103822	Chip (Ferrite Bead), TEM2117T
L716	23103822	Chip (Ferrite Bead), TEM2117T
L717	23103822	Chip (Ferrite Bead), TEM2117T
L718	23103822	Chip (Ferrite Bead), TEM2117T
L719	23103822	Chip (Ferrite Bead), TEM2117T
L722	23103822	Chip (Ferrite Bead), TEM2117T
L723	23103822	Chip (Ferrite Bead), TEM2117T
L724	23103822	Chip (Ferrite Bead), TEM2117T
L725	23103822	Chip (Ferrite Bead), TEM2117T
L726	23103822	Chip (Ferrite Bead), TEM2117T
L731	23103822	Chip (Ferrite Bead), TEM2117T
L732	23103822	Chip (Ferrite Bead), TEM2117T
L735	23103853	Chip (Ferrite Bead), TEM2127AM
L736	23103853	Chip (Ferrite Bead), TEM2127AM
L737	23103853	Chip (Ferrite Bead), TEM2127AM
L738	23103853	Chip (Ferrite Bead), TEM2127AM
L739	23103853	Chip (Ferrite Bead), TEM2127AM
L740	23103822	Chip (Ferrite Bead), TEM2117T
L741	23103853	Chip (Ferrite Bead), TEM2127AM
L742	23103822	Chip (Ferrite Bead), TEM2117T
L743	23103822	Chip (Ferrite Bead), TEM2117T
L746	23103822	Chip (Ferrite Bead), TEM2117T
L747	23103822	Chip (Ferrite Bead), TEM2117T
L748	23103822	Chip (Ferrite Bead), TEM2117T
L749	23103822	Chip (Ferrite Bead), TEM2117T
L750	23103822	Chip (Ferrite Bead), TEM2117T
L751	23103822	Chip (Ferrite Bead), TEM2117T
L752	23103822	Chip (Ferrite Bead), TEM2117T
L753	23103822	Chip (Ferrite Bead), TEM2117T
L801	23217361	Coil, Choke, TPW2009AZ
L802	23217361	Coil, Choke, TPW2009AZ

Location No.	Part No.	Description
L803	23217413	Coil, Choke, TPW2015AZ
L830	23248157	Coil, Choke, TLN3433AD
L831	23248073	Coil, Choke, TLN3299D
L832	23248195	Coil, Choke, TLN3441AT
L833	23248073	Coil, Choke, TLN3299D
L834	23248157	Coil, Choke, TLN3433AD
L835	23248195	Coil, Choke, TLN3441AT
L836	23280022	Coil, Peaking, TRF4101AZ
L837	23280022	Coil, Peaking, TRF4101AZ
L838	23280022	Coil, Peaking, TRF4101AZ
L839	23280022	Coil, Peaking, TRF4101AZ
L840	23280022	Coil, Peaking, TRF4101AZ
L841	23280022	Coil, Peaking, TRF4101AZ
L861	23103859	Coil (Ferrite Bead), TEM2011
L862	23103937	Coil (Ferrite Bead), TEM2004
L871	23289471	Coil, Peaking, TRF4471AF
L872	23289471	Coil, Peaking, TRF4471AF
L885	23103859	Coil (Ferrite Bead), TEM2011
L886	23103859	Coil (Ferrite Bead), TEM2011
L887	23248087	Coil, Choke, TLN3312D
L888	23248087	Coil, Choke, TLN3312D
L891	23103859	Coil (Ferrite Bead), TEM2011
L892	23103859	Coil (Ferrite Bead), TEM2011
L893	23103859	Coil (Ferrite Bead), TEM2011
L894	23103859	Coil (Ferrite Bead), TEM2011
L895	23103859	Coil (Ferrite Bead), TEM2011
L901	23289330	Coil, Peaking, TRF4330AF
L902	23289330	Coil, Peaking, TRF4330AF
L906	23289330	Coil, Peaking, TRF4330AF
L908	23289220	Coil, Peaking, TRF4220AF
L910	23245836	Chip Inductor, TRF4330CB
L911	23103822	Chip (Ferrite Bead), TEM2117T
L912	23103822	Chip (Ferrite Bead), TEM2117T
L913	23103822	Chip (Ferrite Bead), TEM2117T
L914	23103822	Chip (Ferrite Bead), TEM2117T
L917	23103822	Chip (Ferrite Bead), TEM2117T
L918	23103822	Chip (Ferrite Bead), TEM2117T
L919	23103822	Chip (Ferrite Bead), TEM2117T
L920	23103822	Chip (Ferrite Bead), TEM2117T
L921	23103822	Chip (Ferrite Bead), TEM2117T
L922	23103822	Chip (Ferrite Bead), TEM2117T
L923	23103822	Chip (Ferrite Bead), TEM2117T
L924	23103822	Chip (Ferrite Bead), TEM2117T
L925	23103822	Chip (Ferrite Bead), TEM2117T
L926	23103822	Chip (Ferrite Bead), TEM2117T
L927	23103822	Chip (Ferrite Bead), TEM2117T
L928	23103822	Chip (Ferrite Bead), TEM2117T
L929	23103822	Chip (Ferrite Bead), TEM2117T
L930	23103822	Chip (Ferrite Bead), TEM2117T
L931	23103822	Chip (Ferrite Bead), TEM2117T
L932	23103822	Chip (Ferrite Bead), TEM2117T
L933	23103822	Chip (Ferrite Bead), TEM2117T
L934	23103822	Chip (Ferrite Bead), TEM2117T
L935	23103822	Chip (Ferrite Bead), TEM2117T
L936	23103822	Chip (Ferrite Bead), TEM2117T
L939	23103822	Chip (Ferrite Bead), TEM2117T
L940	23103822	Chip (Ferrite Bead), TEM2117T
L941	23103822	Chip (Ferrite Bead), TEM2117T
L942	23103822	Chip (Ferrite Bead), TEM2117T
L943	23103822	Chip (Ferrite Bead), TEM2117T
L944	23103822	Chip (Ferrite Bead), TEM2117T
L945	23289330	Coil, Peaking, TRF4330AF
L946	23289330	Coil, Peaking, TRF4330AF
L947	23289330	Coil, Peaking, TRF4330AF

Location No.	Part No.	Description
L948	23103822	Chip (Ferrite Bead), TEM2117T
L949	23103822	Chip (Ferrite Bead), TEM2117T
L950	23103822	Chip (Ferrite Bead), TEM2117T
L951	23103822	Chip (Ferrite Bead), TEM2117T
L954	23103822	Chip (Ferrite Bead), TEM2117T
L955	23103822	Chip (Ferrite Bead), TEM2117T
L956	23289330	Coil, Peaking, TRF4330AF
L957	23245836	Chip Inductor, TRF4330CB
L958	23289330	Coil, Peaking, TRF4330AF
L959	23245836	Chip Inductor, TRF4330CB
L960	23245836	Chip Inductor, TRF4330CB
L961	23245836	Chip Inductor, TRF4330CB
L962	23245836	Chip Inductor, TRF4330CB
L963	23245836	Chip Inductor, TRF4330CB
L964	23245836	Chip Inductor, TRF4330CB
L965	23245836	Chip Inductor, TRF4330CB
L9601	23289330	Coil, Peaking, TRF4330AF
L9631	23289330	Coil, Peaking, TRF4330AF
L9661	23289330	Coil, Peaking, TRF4330AF
LA01	23289100	Coil, Peaking, TRF4100AF
LC100	23103859	Coil (Ferrite Bead), TEM2011
LB01	23289100	Coil, Peaking, TRF4100AF
LC05	23238562	Coil, Peaking, TRF4109AJ
LC06	23103859	Coil (Ferrite Bead), TEM2011
LC07	23238562	Coil, Peaking, TRF4109AJ
LC08	23238562	Coil, Peaking, TRF4109AJ
LC26	23238562	Coil, Peaking, TRF4109AJ
LC100	23103859	Coil (Ferrite Bead), TEM2011
LE01	23262261	Coil, IF, TRF1177D
LE02	23289109	Coil, Peaking, TRF41R0AF
LF01	23238506	Coil, Peaking, TRF4229AJ
LF02	23238506	Coil, Peaking, TRF4229AJ
LF03	23238506	Coil, Peaking, TRF4229AJ
LF04	23238506	Coil, Peaking, TRF4229AJ
LF05	23238506	Coil, Peaking, TRF4229AJ
LF06	23238562	Coil, Peaking, TRF4109AJ
LF07	23238562	Coil, Peaking, TRF4109AJ
LF08	23238714	Coil, Peaking, TRF4100AJ
LF09	23238714	Coil, Peaking, TRF4100AJ
LF10	23238562	Coil, Peaking, TRF4109AJ
LF11	23289109	Coil, Peaking, TRF41R0AF
LF13	23289100	Coil, Peaking, TRF4100AF
LF17	23289100	Coil, Peaking, TRF4100AF
LQ01	23238709	Coil, Peaking, TRF4270AJ
LQ02	23237991	Coil, Peaking, TRF4479AC
LQ03	23237991	Coil, Peaking, TRF4479AC
LQ04	23238718	Coil, Peaking, TRF4479AJ
LR01	23289840	Coil, Peaking, TRF4100AT
LR05	23103845	Filter, TEM2030AY
LS02	23289109	Coil, Peaking, TRF41R0AF
LV01	23289840	Coil, Peaking, TRF4100AT
LV06	23103832	Chip (Ferrite Bead), TEM2125M
LV07	23103832	Chip (Ferrite Bead), TEM2125M
LV08	23289330	Coil, Peaking, TRF4330AF
LV09	23289100	Coil, Peaking, TRF4100AF
LV10	23289220	Coil, Peaking, TRF4220AF
LV11	23289330	Coil, Peaking, TRF4330AF
LV42	23289100	Coil, Peaking, TRF4100AF
LV43	23289100	Coil, Peaking, TRF4100AF
LX100	23103880	Coil (Ferrite Bead), TEM2011Y
LX104	23238718	Coil, Peaking, TRF4479AJ
LX122	23238715	Coil, Peaking, TRF4829AJ

Location No.	Part No.	Description
LX142	23238715	Coil, Peaking, TRF4829AJ
LX521	23238506	Coil, Peaking, TRF4229AJ
LX531	23238718	Coil, Peaking, TRF4479AJ
LX541	23238718	Coil, Peaking, TRF4479AJ
LX804	23238562	Coil, Peaking, TRF4109AJ
LX805	23238562	Coil, Peaking, TRF4109AJ
LX807	23238562	Coil, Peaking, TRF4109AJ
LX808	23238562	Coil, Peaking, TRF4109AJ
LX811	23238562	Coil, Peaking, TRF4109AJ
LX812	23238562	Coil, Peaking, TRF4109AJ
LX824	23238562	Coil, Peaking, TRF4109AJ
LX825	23238562	Coil, Peaking, TRF4109AJ
LX826	23238562	Coil, Peaking, TRF4109AJ
LX827	23238562	Coil, Peaking, TRF4109AJ
LX831	23237995	Coil, Peaking, TRF4229AC
LX836	23237995	Coil, Peaking, TRF4229AC
LX837	23103880	Coil (Ferrite Bead), TEM2011Y
LX851	23103880	Coil (Ferrite Bead), TEM2011Y
LZ01	23289150	Coil, Peaking, TRF4150AF
LZ03	23238716	Coil, Peaking, TRF4689AJ
LZ04	23238709	Coil, Peaking, TRF4270AJ
LZ05	23238716	Coil, Peaking, TRF4689AJ
LZ06	23238709	Coil, Peaking, TRF4270AJ
LZ07	23238709	Coil, Peaking, TRF4270AJ
LZ08	23238707	Coil, Peaking, TRF4390AJ
LZ09	70131060	Filter, ZBF253D-00
LZ10	70131060	Filter, ZBF253D-00
⚠T801	23211713	Line Filter, TRF3197AQ
⚠T802	23211712	Line Filter, TRF3209BQ
T840	23217432	Transformer, Power, TPW1512AZ
⚠T862	23217400	Transformer, Converter, TPW3402AS

SEMICONDUCTORS

Q203	A6361770	Transistor, 2SC3437-Y
Q205	A6335470	Transistor, 2SC2712-Y
Q231	A6335470	Transistor, 2SC2712-Y
Q232	A6335470	Transistor, 2SC2712-Y
Q233	A6541130	Transistor, 2SA1162-Y
Q234	A6541130	Transistor, 2SA1162-Y
Q270	A6004040	Transistor, RN1404
Q271	A6004040	Transistor, RN1404
Q272	A6014040	Transistor, RN2404
Q273	A6335470	Transistor, 2SC2712-Y
Q338	23318916	IC, MC14053BCP
Q501	B0386208	IC, TA1276AN
Q502	A6335470	Transistor, 2SC2712-Y
Q503	A6335470	Transistor, 2SC2712-Y
Q518	23114528	Transistor, 2SC1740S-Q
Q520	A6541130	Transistor, 2SA1162-Y
Q521	A6541130	Transistor, 2SA1162-Y
Q522	A6541130	Transistor, 2SA1162-Y
Q524	23114528	Transistor, 2SC1740S-Q
Q525	23114528	Transistor, 2SC1740S-Q
Q526	23114528	Transistor, 2SC1740S-Q
Q570	A6335470	Transistor, 2SC2712-Y
Q571	A6335470	Transistor, 2SC2712-Y
Q572	23318916	IC, MC14053BCP
Q610	23318413	IC, LA4282
Q612	23114530	Transistor, 2SA933S-Q
Q622	23114528	Transistor, 2SC1740S-Q
Q671	B0350000	IC, TA75458P
Q681	A6342206	Transistor, 2SC2878-A(TE

Location No.	Part No.	Description
Q682	A6342206	Transistor, 2SC2878-A(TE
Q700	23905013	IC, TLC2932IPW
Q701	23319214	IC, MC33078M(R)
Q702	B0507717	IC, TC170G21AF-0
Q703	70119743	IC, PST523D
Q704	B0488966	IC, TC74AC74F
Q705	A6030640	IC, TC7S32F
Q706	B0488966	IC, TC74AC74F
Q707	B0488966	IC, TC74AC74F
Q708	A6030685	IC, TC7S86F
Q709	A6030897	IC, TC4W53F(BRA)
Q710	A6030620	IC, TC7S04F
Q711	B0489020	IC, TC74AC151F
Q720	B0489018	IC, TA74AC86F
Q721	B0488966	IC, TC74AC74F
Q722	B0488950	IC, TC74AC00F
Q723	B0489099	IC, TC74AC164F
Q724	B0488954	IC, TC74AC04F
Q725	B0488950	IC, TC74AC00F
Q726	B0485997	IC, TC74HC74AF
Q727	B0488305	IC, TC74HC393AF
Q729	B0489157	IC, TC74AC574F
Q730	B0488955	IC, TC74AC08F
Q731	B0488966	IC, TC74AC74F
Q732	23906512	IC, MC74AC534MEL
Q733	B0488966	IC, TC74AC74F
Q801	23906189	IC, STR-Z4202A
Q830	23905058	IC, MC33166T
Q830B	70391355	Screw, BITTB3X8SZN
Q831	A6002030	Transistor, RN1203
Q832	A6002030	Transistor, RN1203
Q833	23905058	IC, MC33166T
Q833B	70391355	Screw, BITTB3X8SZN
Q834	A6002030	Transistor, RN1203
Q835	A6002030	Transistor, RN1203
Q836	23319320	IC, L780S15
Q836B	70391355	Screw, BITTB3X8SZN
Q837	A6002030	Transistor, RN1203
Q838	23314141	Transistor, 2SC3852
Q838B	70391355	Screw, BITTB3X8SZN
Q839	23114528	Transistor, 2SC1740S-Q
Q840	23904268	IC, PQ05RR1
Q840B	70391355	Screw, BITTB3X8SZN
Q841	23114528	Transistor, 2SC1740S-Q
Q842	A6321265	Transistor, 2SC2120-Y(TE)
Q847	23314141	Transistor, 2SC3852
Q847B	70391355	Screw, BITTB3X8SZN
Q851	23319463	IC, L780S12
Q851B	70391355	Screw, BITTB3X8SZN
Q852	A6002030	Transistor, RN1203
Q853	23904164	IC, LM2991T
Q853B	70391355	Screw, BITTB3X8SZN
Q857	A6002030	Transistor, RN1203
⚠Q862	A8643112	Photo Coupler, TLP621(GRL-L
Q863	23319306	IC, SE012N
Q901	23906482	IC, CXA1853AQ
Q902	A6541130	Transistor, 2SA1162-Y
Q903	A6335470	Transistor, 2SC2712-Y
Q904	A6541130	Transistor, 2SA1162-Y
Q905	A6335470	Transistor, 2SC2712-Y
Q906	A6541130	Transistor, 2SA1162-Y
Q907	A6335470	Transistor, 2SC2712-Y
Q908	23905760	IC, UP6221GS-E2
Q909	23905760	IC, UP6221GS-E2

Location No.	Part No.	Description
Q910	23905760	IC, UP6221GS-E2
Q911	70129738	IC, PQ20VZ1U
Q912	A6335470	Transistor, 2SC2712-Y
Q913	A6541130	Transistor, 2SA1162-Y
Q914	A6335470	Transistor, 2SC2712-Y
Q915	B0470534	IC, TC4053BF
Q942	23905898	IC, CXA2504N
Q943	23905898	IC, CXA2504N
Q944	23905898	IC, CXA2504N
Q945	A6358620	Transistor, 2SC3265-Y
Q948	A6546370	Transistor, 2SA1298-Y
Q971	B0470534	IC, TC4053BF
Q980	23904521	IC, AN7805
Q3101	23114528	Transistor, 2SC1740S-Q
Q3102	23114528	Transistor, 2SC1740S-Q
Q3103	23114528	Transistor, 2SC1740S-Q
Q3104	23114528	Transistor, 2SC1740S-Q
Q3105	23114528	Transistor, 2SC1740S-Q
Q3106	23114528	Transistor, 2SC1740S-Q
Q3107	23114528	Transistor, 2SC1740S-Q
Q3108	23114528	Transistor, 2SC1740S-Q
Q3109	23114528	Transistor, 2SC1740S-Q
Q3381	A6734590	Transistor, 2SC752(G)TM-Y
Q3382	23114528	Transistor, 2SC1740S-Q
Q9701	A6541130	Transistor, 2SA1162-Y
Q9702	A6335470	Transistor, 2SC2712-Y
Q9703	A6335470	Transistor, 2SC2712-Y
Q9704	A6335470	Transistor, 2SC2712-Y
Q9705	A6541130	Transistor, 2SA1162-Y
Q9706	A6335470	Transistor, 2SC2712-Y
Q9707	A6335470	Transistor, 2SC2712-Y
Q9708	A6541130	Transistor, 2SA1162-Y
Q9709	A6335470	Transistor, 2SC2712-Y
Q9710	A6541130	Transistor, 2SA1162-Y
Q9711	A6335470	Transistor, 2SC2712-Y
Q9712	A6335470	Transistor, 2SC2712-Y
Q9713	70200009	IC, AD813AR-14
Q9715	A6335470	Transistor, 2SC2712-Y
Q9719	A6541130	Transistor, 2SA1162-Y
Q9720	A6335470	Transistor, 2SC2712-Y
Q9728	A6541130	Transistor, 2SA1162-Y
Q9729	A6335470	Transistor, 2SC2712-Y
Q9730	A6541130	Transistor, 2SA1162-Y
Q9731	A6335470	Transistor, 2SC2712-Y
Q9801	A6358620	Transistor, 2SC3265-Y
Q9802	A6546370	Transistor, 2SA1298-Y
Q9803	A6358620	Transistor, 2SC3265-Y
Q9804	A6546370	Transistor, 2SA1298-Y
Q9805	A6358620	Transistor, 2SC3265-Y
Q9806	A6546370	Transistor, 2SA1298-Y
Q9807	A6358620	Transistor, 2SC3265-Y
Q9808	A6546370	Transistor, 2SA1298-Y
Q9809	A6358620	Transistor, 2SC3265-Y
Q980B	70391355	Screw, BITTB3X8SZN
Q9810	A6546370	Transistor, 2SA1298-Y
Q9811	A6358620	Transistor, 2SC3265-Y
Q9812	A6546370	Transistor, 2SA1298-Y
Q9813	A6358620	Transistor, 2SC3265-Y
Q9814	A6546370	Transistor, 2SA1298-Y
Q9815	A6358620	Transistor, 2SC3265-Y
Q9816	A6546370	Transistor, 2SA1298-Y
Q9817	A6358620	Transistor, 2SC3265-Y
Q9818	A6546370	Transistor, 2SA1298-Y
Q9819	A6358620	Transistor, 2SC3265-Y

Location No.	Part No.	Description
Q9820	A6546370	Transistor, 2SA1298-Y
Q9821	A6358620	Transistor, 2SC3265-Y
Q9822	A6546370	Transistor, 2SA1298-Y
Q9823	A6358620	Transistor, 2SC3265-Y
Q9824	A6546370	Transistor, 2SA1298-Y
Q9825	A6358620	Transistor, 2SC3265-Y
Q9826	A6546370	Transistor, 2SA1298-Y
Q9827	A6358620	Transistor, 2SC3265-Y
Q9828	A6546370	Transistor, 2SA1298-Y
Q9829	A6358620	Transistor, 2SC3265-Y
Q9830	A6546370	Transistor, 2SA1298-Y
Q9831	A6358620	Transistor, 2SC3265-Y
Q9832	A6546370	Transistor, 2SA1298-Y
Q9833	A6358620	Transistor, 2SC3265-Y
Q9834	A6546370	Transistor, 2SA1298-Y
Q9835	A6358620	Transistor, 2SC3265-Y
Q9836	A6546370	Transistor, 2SA1298-Y
Q9837	A6358620	Transistor, 2SC3265-Y
Q9838	A6546370	Transistor, 2SA1298-Y
Q9839	A6358620	Transistor, 2SC3265-Y
Q9840	A6546370	Transistor, 2SA1298-Y
Q9841	A6358620	Transistor, 2SC3265-Y
Q9842	A6546370	Transistor, 2SA1298-Y
Q9843	A6358620	Transistor, 2SC3265-Y
Q9844	A6546370	Transistor, 2SA1298-Y
Q9845	A6358620	Transistor, 2SC3265-Y
Q9846	A6546370	Transistor, 2SA1298-Y
Q9847	A6358620	Transistor, 2SC3265-Y
Q9848	A6546370	Transistor, 2SA1298-Y
Q9849	A6358620	Transistor, 2SC3265-Y
Q9850	A6546370	Transistor, 2SA1298-Y
Q9851	A6358620	Transistor, 2SC3265-Y
Q9852	A6546370	Transistor, 2SA1298-Y
Q9853	A6358620	Transistor, 2SC3265-Y
Q9854	A6546370	Transistor, 2SA1298-Y
Q9855	A6358620	Transistor, 2SC3265-Y
Q9856	A6546370	Transistor, 2SA1298-Y
Q9857	A6358620	Transistor, 2SC3265-Y
Q9858	A6546370	Transistor, 2SA1298-Y
Q9859	A6358620	Transistor, 2SC3265-Y
Q9860	A6546370	Transistor, 2SA1298-Y
Q9861	A6358620	Transistor, 2SC3265-Y
Q9862	A6546370	Transistor, 2SA1298-Y
Q9863	A6358620	Transistor, 2SC3265-Y
Q9864	A6546370	Transistor, 2SA1298-Y
Q9865	A6358620	Transistor, 2SC3265-Y
Q9866	A6546370	Transistor, 2SA1298-Y
Q9867	A6358620	Transistor, 2SC3265-Y
Q9868	A6546370	Transistor, 2SA1298-Y
Q9869	A6358620	Transistor, 2SC3265-Y
Q9870	A6546370	Transistor, 2SA1298-Y
Q9871	A6358620	Transistor, 2SC3265-Y
Q9872	A6546370	Transistor, 2SA1298-Y
QA01	23906976	IC, TMP87PS38N13
QA02	23905320	IC, NM24C16EN
QA06	A6004050	Transistor, RN1405
QA07	A6541130	Transistor, 2SA1162-Y
QA80	A6734590	Transistor, 2SC752(G)TM-Y
QA109	23114528	Transistor, 2SC1740S-Q
QA110	23114528	Transistor, 2SC1740S-Q
QA111	23114528	Transistor, 2SC1740S-Q
QA112	23114528	Transistor, 2SC1740S-Q
QB01	23906977	IC, TMP87PS38N14
QB02	23905320	IC, NM24C16EN

Location No.	Part No.	Description
QB03	A6541130	Transistor, 2SA1162-Y
QB04	A6359870	Transistor, 2SC3326-B
QB05	A6359870	Transistor, 2SC3326-B
QB81	A6342206	Transistor, 2SC2878-A(TE
QB82	A6342206	Transistor, 2SC2878-A(TE
QB83	23114530	Transistor, 2SA933S-Q
QB92	23114528	Transistor, 2SC1740S-Q
QB93	23114530	Transistor, 2SA933S-Q
QB94	23114530	Transistor, 2SA933S-Q
QB95	23114530	Transistor, 2SA933S-Q
QB96	23114530	Transistor, 2SA933S-Q
QE01	23906638	IC, UPD6453CY564
QF01	23906822	IC, SDA5273-2S C
QF02	23314204	Transistor, 2SC2412K,Q
QF03	23314204	Transistor, 2SC2412K,Q
QF04	A6734590	Transistor, 2SC752(G)TM-Y
QF06	23314204	Transistor, 2SC2412K,Q
QF10	23906648	IC, HY514400A
QF11	23906367	IC, PST9146NL
QG01	B0385643	IC, TA1216AN
QK01F	23712206	Screw, PP2X6 SZN
QQ01	B0385755	IC, TA1229N
QQ02	B0383881	IC, TA8772AN
QQ03	A6335470	Transistor, 2SC2712-Y
QQ04	A6335470	Transistor, 2SC2712-Y
QR01	B0386235	IC, TA1287P
QR02	23114528	Transistor, 2SC1740S-Q
QR21	A6335470	Transistor, 2SC2712-Y
QR23	23114528	Transistor, 2SC1740S-Q
QS01	A6359870	Transistor, 2SC3326-B
QS02	A6359870	Transistor, 2SC3326-B
QS03	A6335470	Transistor, 2SC2712-Y
QS04	A6335470	Transistor, 2SC2712-Y
QS05	A6359870	Transistor, 2SC3326-B
QS06	A6359870	Transistor, 2SC3326-B
QS07	A6014040	Transistor, RN2404
QS08	A6359870	Transistor, 2SC3326-B
QS09	A6359870	Transistor, 2SC3326-B
QS11	A6359870	Transistor, 2SC3326-B
QS12	A6014040	Transistor, RN2404
QS70	B0470522	IC, TC4052BP
QS71	A6335470	Transistor, 2SC2712-Y
QS72	A6335470	Transistor, 2SC2712-Y
QS73	A6335470	Transistor, 2SC2712-Y
QV01	B0385650	IC, TA1218N
QV02	A6335470	Transistor, 2SC2712-Y
QV06	A6541130	Transistor, 2SA1162-Y
QV07	A6359870	Transistor, 2SC3326-B
QV08	A6335470	Transistor, 2SC2712-Y
QV09	23114528	Transistor, 2SC1740S-Q
QV10	A6335470	Transistor, 2SC2712-Y
QV11	A6335470	Transistor, 2SC2712-Y
QV12	23114528	Transistor, 2SC1740S-Q
QV14	23114528	Transistor, 2SC1740S-Q
QV15	A6359870	Transistor, 2SC3326-B
QV205	23114530	Transistor, 2SA933S-Q
QV206	23114528	Transistor, 2SC1740S-Q
QV207	23114528	Transistor, 2SC1740S-Q
QV230	23114528	Transistor, 2SC1740S-Q
QV231	23114528	Transistor, 2SC1740S-Q
QV232	23114528	Transistor, 2SC1740S-Q
QV233	B0386235	IC, TA1287P
QV234	23114528	Transistor, 2SC1740S-Q
QV236	23114528	Transistor, 2SC1740S-Q

Location No.	Part No.	Description
QV260	23114528	Transistor, 2SC1740S-Q
QV261	23114528	Transistor, 2SC1740S-Q
QX101	A6335470	Transistor, 2SC2712-Y
QX102	70128490	IC, MM1031XMR
QX103	A6541130	Transistor, 2SA1162-Y
QX121	A6335470	Transistor, 2SC2712-Y
QX122	23314347	IC, IMX2T109
QX123	A6335470	Transistor, 2SC2712-Y
QX124	A6335470	Transistor, 2SC2712-Y
QX141	A6335470	Transistor, 2SC2712-Y
QX142	23314347	IC, IMX2T109
QX143	A6335470	Transistor, 2SC2712-Y
QX144	A6335470	Transistor, 2SC2712-Y
QX161	A6335470	Transistor, 2SC2712-Y
QX162	A6335470	Transistor, 2SC2712-Y
QX300	23906595	IC, F436007BPPM
QX301	A6335470	Transistor, 2SC2712-Y
QX309	23906295	IC, UPC29M33HB
QX310	23904272	IC, M518221-30ZS
QX320	23904272	IC, M518221-30ZS
QX330	23904272	IC, M518221-30ZS
QX361	A6030620	IC, TC7S04F
QX362	A6030630	IC, TC7S08F
QX400	B0508027	IC, TC200C160AF
QX401	70119743	IC, PST523D
QX402	23314347	IC, IMX2T109
QX440	23906478	IC, MN4777AS
QX450	23906478	IC, MN4777AS
QX470	B0487819	IC, TC74HCT32AF
QX480	A6030640	IC, TC7S32F
QX481	A6030928	IC, TC7W74F(BRA)
QX482	A6030928	IC, TC7W74F(BRA)
QX500	23906298	IC, TL5632CFR
QX521	A6335470	Transistor, 2SC2712-Y
QX531	A6335470	Transistor, 2SC2712-Y
QX532	A6335470	Transistor, 2SC2712-Y
QX541	A6335470	Transistor, 2SC2712-Y
QX542	A6335470	Transistor, 2SC2712-Y
QX606	B0488954	IC, TC74AC04F
QX605	B0489751	IC, TC74VHCV04F
QX713	A6030620	IC, TC7S04F
QX850	23906484	IC, BA033T
QX861	A6030630	IC, TC7S08F
QZ01	B0410688	IC, TC9090AN
QZ02	A6335470	Transistor, 2SC2712-Y
QZ03	A6335470	Transistor, 2SC2712-Y
QZ04	A6335470	Transistor, 2SC2712-Y
QZ06	A6335470	Transistor, 2SC2712-Y
D101	23316411	Diode, 1SS184
D601	23118859	Diode, 1SS133
D602	23118859	Diode, 1SS133
D603	23118859	Diode, 1SS133
D604	23118859	Diode, 1SS133
D611	23118859	Diode, 1SS133
D612	23118859	Diode, 1SS133
D613	23118859	Diode, 1SS133
D614	23118859	Diode, 1SS133
D615	23118859	Diode, 1SS133
D671	23316739	Diode, MTZJ22C
D801	23316275	Diode, RBV606 LF-A
D801B	70391355	Screw, BITTB3X8SZN
D830	23357020	Diode, SF5S4
D830B	70391355	Screw, BITTB3X8SZN
D831	23357020	Diode, SF5S4

Location No.	Part No.	Description
D831B	70391355	Screw, BITTB3X8SZN
D833	23316681	Diode, Zener, MTZJ7.5B
D834	23316718	Diode, Zener, MTZJ12A
D835	23316723	Diode, Zener, MTZJ13C
D837	23316664	Diode, Zener, MTZJ4.3C
D838	23115532	Diode, ERB12-01
D839	23316717	Diode, Zener, MZJ11C
D840	23316962	Diode, S1WBA20 4101
D841	23118859	Diode, 1SS133
D842	23118859	Diode, 1SS133
D843	23316756	Diode, Zener, MTZJ33D
D852	23316718	Diode, Zener, MTZJ12A
D853	23316678	Diode, Zener, MTZJ6.8B
D862	23316472	Diode, RGP10JL-6392
D864	23316813	Diode, EG1
D872	23316666	Diode, Zener, MTZJ4.7B
D873	23316690	Diode, Zener, MTZJ10B
D875	23316719	Diode, Zener, MTZJ12B
D876	23316747	Diode, Zener, MTZJ27C
D877	23316813	Diode, EG1
D878	23316747	Diode, Zener, MTZJ27C
D881	23118859	Diode, 1SS133
D882	23316674	Diode, Zener, MTZJ6.2A
D885	23316819	Diode, RU4YX
D886	23316819	Diode, RU4YX
D889	23316747	Diode, Zener, MTZJ27C
D891	23316184	Diode, FML-G12S
D891B	70391355	Screw, BITTB3X8SZN
D892	23316184	Diode, FML-G12S
D892B	70391355	Screw, BITTB3X8SZN
D893	23316813	Diode, EG1
D894	23316813	Diode, EG1
D895	23316714	Diode, RL2Z
D901	A7151100	Diode, 1SS193
D3101	23118859	Diode, 1SS133
D3102	23118859	Diode, 1SS133
D3380	23118859	Diode, 1SS133
D3381	23118859	Diode, 1SS133
D3382	23118859	Diode, 1SS133
D3383	23118859	Diode, 1SS133
DA07	23118041	Diode, MA111-(TX)
DA91	23358504	LED, Red, SCL003URC3FX
DA92	23358503	LED, SCL003MC3FX
DA93	23358503	LED, SCL003MC3FX
DA94	23358503	LED, SCL003MC3FX
DF01	23316654	Diode, Zener, MTZJ3.0A
DF02	23118859	Diode, 1SS133
DR02	23316557	Diode, HSM221C
DR03	23118351	Diode, Zener, RD4.7M-T1BB2
DV01	23118296	Diode, Zener, RD9.1M-T1BB2
DV02	23118296	Diode, Zener, RD9.1M-T1BB2
DV03	23118296	Diode, Zener, RD9.1M-T1BB2
DV04	23118296	Diode, Zener, RD9.1M-T1BB2
DV05	23118296	Diode, Zener, RD9.1M-T1BB2
DV06	23118296	Diode, Zener, RD9.1M-T1BB2
DV07	23118296	Diode, Zener, RD9.1M-T1BB2
DV10	23316557	Diode, HSM221C
DV11	23316557	Diode, HSM221C
DV12	23118296	Diode, Zener, RD9.1M-T1BB2
DV14	23118296	Diode, Zener, RD9.1M-T1BB2
DV230	23118859	Diode, 1SS133
DV231	23118859	Diode, 1SS133
DV232	23118859	Diode, 1SS133
DV233	23118859	Diode, 1SS133

Location No.	Part No.	Description
DV234	23118859	Diode, 1SS133
DV235	23118859	Diode, 1SS133
DV260	23118859	Diode, 1SS133
DV261	23118859	Diode, 1SS133
DV262	23118859	Diode, 1SS133
DV263	23118859	Diode, 1SS133
DZ01	23118293	Diode, Zener, RD10MB2
MISCELLANEOUS		
B204	23711305	Screw, PP3X0.5X5BNI
B220	23037312	Screw, BTBW3X12SZN
B221	23030937	Screw, BTBW3X12 SBN
B225	23035312	Screw, BTB3X12SZN
B226	23037312	Screw, BTBW3X12SZN
B228	23711305	Screw, PP3X0.5X5BNI
B280	23050927	Washer
B352	23712203	Screw, PP2X3 SZN
B353	23712203	Screw, PP2X3 SZN
B363	23721308	Screw, PP+SW+2W SZN
B380	23721308	Screw, PP+SW+2W SZN
B381	23721308	Screw, PP+SW+2W SZN
B381A	23035308	Screw, BTB3X8SZN
B383	23721308	Screw, PP+SW+2W SZN
B385	23721308	Screw, PP+SW+2W SZN
B386	23721308	Screw, PP+SW+2W SZN
B387	23721308	Screw, PP+SW+2W SZN
B388	23721308	Screw, PP+SW+2W SZN
B405	23721308	Screw, PP+SW+2W SZN
B407A	23056300	Screw, SW3SZN
E902Z	23908023	Module, OPTICAL
E997Z	23908025	Module, LCD
⚠F801	23144869	Fuse, 2.5A
F801A	23165433	Holder, Fuse
G213	24000824	Chip, Jumper, 2125 type
G510	23289838	Coil, Peaking, TRF44R7AT
G601	23238714	Coil, Peaking, TRF4100AJ
G602	23238714	Coil, Peaking, TRF4100AJ
GA02	24872470	Chip, 47 ohm, 1/16W
GB02	24872470	Chip, 47 ohm, 1/16W
GJ01	24000824	Chip, Jumper, 2125 type
GJ02	24000824	Chip, Jumper, 2125 type
GJ02	24000824	Chip, Jumper, 2125 type
GJ03	24000824	Chip, Jumper, 2125 type
GJ03	24000824	Chip, Jumper, 2125 type
GJ04	24000824	Chip, Jumper, 2125 type
GJ04	24000824	Chip, Jumper, 2125 type
GJ05	24000824	Chip, Jumper, 2125 type
GJ05	24000824	Chip, Jumper, 2125 type
GJ06	24000824	Chip, Jumper, 2125 type
GJ06	24000824	Chip, Jumper, 2125 type
GJ07	24000824	Chip, Jumper, 2125 type
GJ08	24000824	Chip, Jumper, 2125 type
GJ08	24000824	Chip, Jumper, 2125 type
GJ09	24000824	Chip, Jumper, 2125 type
GJ09	24000824	Chip, Jumper, 2125 type
GJ10	24000824	Chip, Jumper, 2125 type
GJ11	24000824	Chip, Jumper, 2125 type
GJ12	24000824	Chip, Jumper, 2125 type
GJ13	24000824	Chip, Jumper, 2125 type
GJ14	24000824	Chip, Jumper, 2125 type
GJ15	24000824	Chip, Jumper, 2125 type
GJ16	24000824	Chip, Jumper, 2125 type
GJ17	24000824	Chip, Jumper, 2125 type
GJ18	24000824	Chip, Jumper, 2125 type

Location No.	Part No.	Description
GJ19	24000576	Chip, Jumper, 3216 type
GJ26	24000824	Chip, Jumper, 2125 type
GJ27	24000576	Chip, Jumper, 3216 type
GJ28	24000824	Chip, Jumper, 2125 type
GJ29	24000576	Chip, Jumper, 3216 type
GJ30	24000824	Chip, Jumper, 2125 type
GJ37	24000576	Chip, Jumper, 3216 type
GJ39	24000576	Chip, Jumper, 3216 type
GJ47	24000576	Chip, Jumper, 3216 type
GJ49	24000824	Chip, Jumper, 2125 type
GJ51	24000824	Chip, Jumper, 2125 type
GJ53	24000824	Chip, Jumper, 2125 type
GJ55	24000824	Chip, Jumper, 2125 type
GJ57	24000824	Chip, Jumper, 2125 type
GJ59	24000824	Chip, Jumper, 2125 type
GJ61	24000824	Chip, Jumper, 2125 type
GJ62	24000824	Chip, Jumper, 2125 type
GS01	24000824	Chip, Jumper, 2125 type
GV05	23103832	Chip (Ferrite Bead), TEM2125M
GV07	24000824	Chip, Jumper, 2125 type
GV08	24000824	Chip, Jumper, 2125 type
GV11	24000824	Chip, Jumper, 2125 type
GV12	24000824	Chip, Jumper, 2125 type
GV13	24872681	Chip, 680 ohm, 1/16W
GV14	24000824	Chip, Jumper, 2125 type
GV15	24000824	Chip, Jumper, 2125 type
GV17	24000824	Chip, Jumper, 2125 type
GV38	24872220	Chip, 22 ohm, 1/16W
GV39	24872220	Chip, 22 ohm, 1/16W
GV40	24872220	Chip, 22 ohm, 1/16W
GV41	24872102	Chip, 1k ohm, 1/16W
GV97	24872101	Chip, 100 ohm, 1/16W
H002	23148341	Module, MVGS49C, IF MPX A-PRO
JX205	24000824	Chip, Jumper, 2125 type
JX301	24000824	Chip, Jumper, 2125 type
JX302	24872101	Chip, 100 ohm, 1/16W
JX303	24872101	Chip, 100 ohm, 1/16W
JX390	24000824	Chip, Jumper, 2125 type
JX391	24000824	Chip, Jumper, 2125 type
JX392	24000824	Chip, Jumper, 2125 type
JX393	24000824	Chip, Jumper, 2125 type
JX394	24000824	Chip, Jumper, 2125 type
JX395	24000824	Chip, Jumper, 2125 type
JX396	24000824	Chip, Jumper, 2125 type
JX397	24000824	Chip, Jumper, 2125 type
JX401	24000824	Chip, Jumper, 2125 type
JX402	24000824	Chip, Jumper, 2125 type
JX431	24000824	Chip, Jumper, 2125 type
JX432	24000824	Chip, Jumper, 2125 type
JX433	24000824	Chip, Jumper, 2125 type
JX441	24000824	Chip, Jumper, 2125 type
JX442	24000824	Chip, Jumper, 2125 type
JX451	24000824	Chip, Jumper, 2125 type
JX452	24000824	Chip, Jumper, 2125 type
JX471	24000824	Chip, Jumper, 2125 type
JX472	24000824	Chip, Jumper, 2125 type
JX473	24000824	Chip, Jumper, 2125 type
JX474	24000824	Chip, Jumper, 2125 type
JX476	24000824	Chip, Jumper, 2125 type
JX501	24000824	Chip, Jumper, 2125 type
JX502	24000824	Chip, Jumper, 2125 type
JX503	24000824	Chip, Jumper, 2125 type

Location No.	Part No.	Description
JX605	24000824	Chip, Jumper, 2125 type
JX606	24000824	Chip, Jumper, 2125 type
JX861	24000824	Chip, Jumper, 2125 type
K901	23125483	DC Fan, SCUDM12X4S
K902	23125482	DC Fan, SKUD12D4S
KB01	23905601	Remote Sensor, SIU-11000
P501A	23368634	Plug, 25P 1.5MM
P501B	23903025	Socket, 25P
P502A	23368634	Plug, 25P 1.5MM
P502B	23903025	Socket, 25P
P661	23365444	Jack, Earphone
⚠P801	23372014	Power Cord
P809A	23368020	Plug, 2P 5MM
P809B	23368020	Plug, 2P 5MM
P830A	23902751	Socket, 8P 2.5MM
P830A	23368519	Plug, 8P 2.5MM
P840A	23902751	Socket, 8P 2.5MM
P840A	23368519	Plug, 8P 2.5MM
P901	23903060	Socket, 50P
PA01A	23368633	Plug, 20P 1.5MM
PA01B	23903024	Socket, 20P
PA02A	23368633	Plug, 20P 1.5MM
PA02B	23903024	Socket, 20P
PA05	23164561	Plug, 5P
PA05B	23164563	Plug, 3P 2.5MM
PA05C	23164563	Plug, 3P 2.5MM
PF01A	23367724	Connector, B-B, 15P
PF01B	23902655	Socket, B-B, 15P
PH01	23902604	Socket, 21P
PH02	23902604	Socket, 21P
PH03	23902604	Socket, 21P
PS111	23365937	Jack, Phono
PV01	23365239	Jack, 5P
PV11	23368117	Connector, 15P
PX01A	23902863	Socket, 20P 2MM
PX01B	23368520	Plug, 20P 2MM
PX02A	23902863	Socket, 20P 2MM
PX02B	23368520	Plug, 20P 2MM
S602	23145412	Switch, Slide, 2C2P
⚠S801	23344423	Switch, Power
S810	70145484	Switch, SPVF11
S811	70145484	Switch, SPVF11
SA103	23145227	Switch, Push, 1C1P
SA104	23145227	Switch, Push, 1C1P
SA105	23145227	Switch, Push, 1C1P
SA106	23145227	Switch, Push, 1C1P
SA107	23145227	Switch, Push, 1C1P
SA108	23145227	Switch, Push, 1C1P
SA109	23145227	Switch, Push, 1C1P
⚠SK02	23344425	Thermostat, USS603V
⚠SR81	23146572	Relay, DC5V
⚠SR82	23146564	Relay, DC12V
U906A	23960136	Adhesive, TSE3843-W
UB01	23796315	Power Ballast Unit, INHD0274FK
⚠V701Z	23908024	Lamp Module
W661	23351125	Speaker, SPK-1386, 120X120mm, 8 ohm
W662	23351125	Speaker, SPK-1386, 120X120mm, 8 ohm
X401	23153721	Ceramic Resonator, 503kHz, TCR1023
X501	23153961	Crystal, 3.58MHz
X503	23153979	Crystal, 4.43MHz
XA01	23153325	Ceramic Resonator, 8.00M, TCR1056
XA701	23153361	Crystal, 14.31818
XB01	23153325	Ceramic Resonator, 8.00M, TCR1056
XF01	23153421	Crystal, 20.48MHz
XQ01	23153969	Crystal, 4MHz
XV01	23107519	Ceramic Video Trap, 4.43MHz, TCF1066
XX601	23153476	Crystal, 28.63636
Z700	23103823	Filter, TEM2027D
Z701	23103823	Filter, TEM2027D
Z702	23103823	Filter, TEM2027D
Z860	23144539	Protector, PRF20005491, 125V, 2A
Z889	23144543	Protector, PRF50005491, 125V, 5A
Z890	23144543	Protector, PRF50005491, 125V, 5A
ZX101	23103823	Filter, TEM2027D
ZX121	23103823	Filter, TEM2027D
ZX141	23103823	Filter, TEM2027D
ZX161	23103823	Filter, TEM2027D
ZX162	23103823	Filter, TEM2027D
ZX521	23103823	Filter, TEM2027D
ZX531	23103823	Filter, TEM2027D
ZX541	23103823	Filter, TEM2027D
ZX801	23303177	Filter, TEM1007N
ZX802	23303177	Filter, TEM1007N
ZX803	23303177	Filter, TEM1007N
ZX821	23303177	Filter, TEM1007N
ZX822	23303177	Filter, TEM1007N
ZX823	23303177	Filter, TEM1007N
ZX831	23107715	Filter, TEM1015T
ZX836	23107715	Filter, TEM1015T

PC BOARD ASSEMBLIES

* U901		Signal Board, PB8854A
* U902		POW/AUDIO Board, PB8857A
* U904		MICON Board, PB8860A
* U905		VCD Board, PB8861A
* U906		UP CONV Board, PB7976B
* U907		RGB Board, PB8641
* U931		POW AC-IN/SW Board, PB8858A-1
* U932		POW AC-SW Board, PB8858A-2
* U991		CONT-1 Board, PB8862-1
* U992		CONT-2 Board, PB8862-2
* U993		SHUT SW1 Board, PB8862-3
* U994		SHUT SW2 Board, PB8862-4
* UV01		Back AV Board, PB8863A

TUNER

H001	23321316	Tuner, EGA21LX2

ACCESSORIES

K902	23306323	Remote Hand Unit, CT-90002
AT03	23588265	Battery Cover
Y101E	23563627	Owner's Manual, English, 44PL93G
Y101F	23563628	Owner's Manual, French, 44PL93G

Location No.	Part No.	Description
Y101G	23563629	Owner's Manual, German, 44PL93G
Y109	23945015	Cover POLY

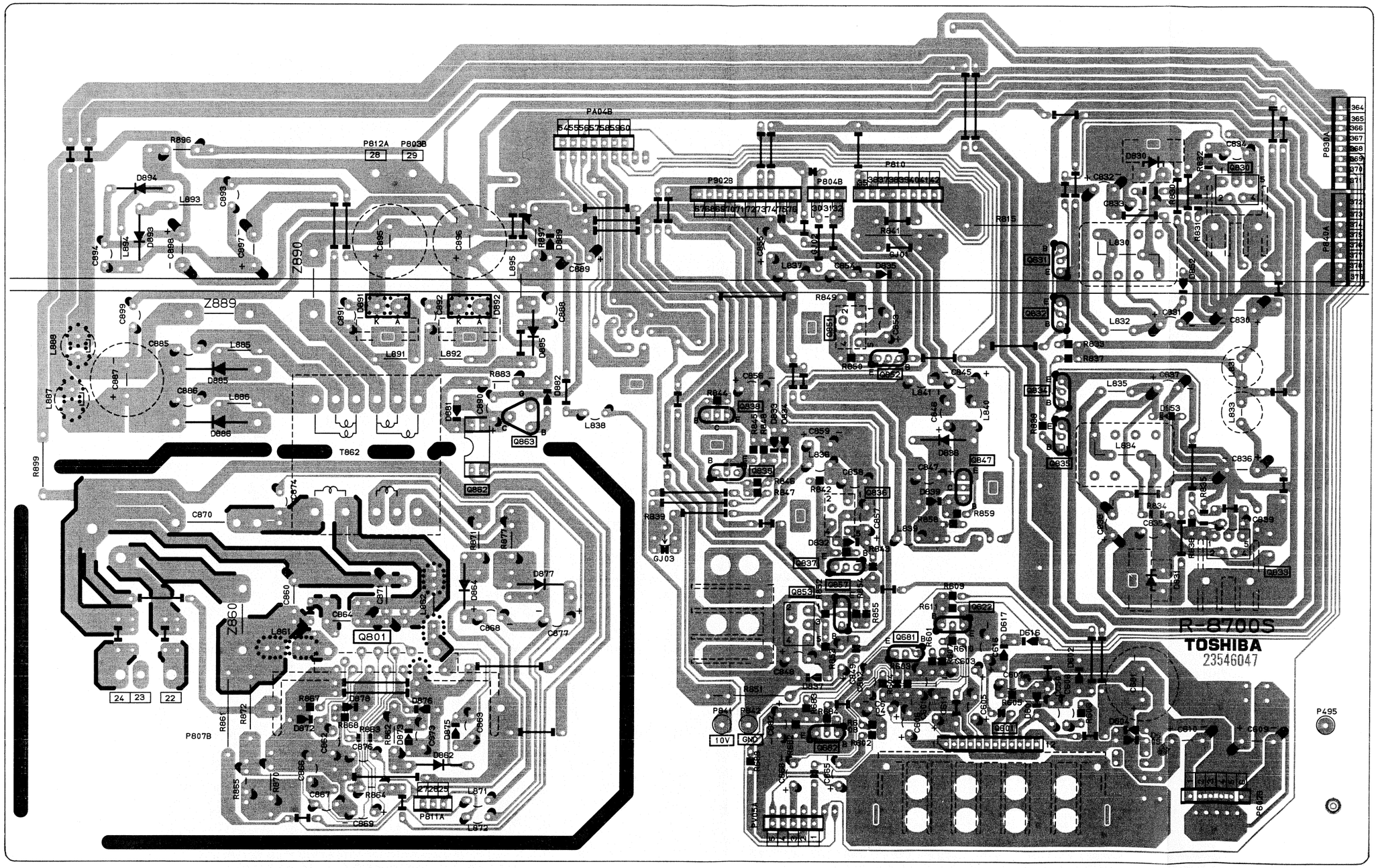
CABINET PARTS

A004	23003217	Rear C Block
A103	23510477	Speaker Grille
A104	23427493	Air Filter
A105	23427611	Door, LAMP
A108	23448512	Dust Cover 2
A110	23035010	Screw, PBI4X16
A111	23035010	Screw, PBI4X16
A112	23035010	Screw, PBI4X16
A114	23035010	Screw, PBI4X16
A116	23035010	Screw, PBI4X16
A117	23721308	Screw, PP+SW+2W SZN
A118	23035010	Screw, PBI4X16
A155	23445191	Button, 6-Key
A157	23427699	Door
A158	23445218	Button, Power
A201	23549057	Front Cover
A207	23035010	Screw, PBI4X16
A301	23549059	Mirror Cover
A310	23035010	Screw, PBI4X16
⚠A401	23549060	Rear Cover
A405	23550554	Label, Model No.
A420	23845511	Band, Safety
A501	23035010	Screw, PBI4X16
A502	23035412	Screw, BTB4X12SZN
A504	23037312	Screw, PB4X07X10SBN
A505	23035010	Screw, PBI4X16
A506	23035010	Screw, PBI4X16
A508	23035010	Screw, PBI4X16
A510	23035010	Screw, PBI4X16
A511	23035010	Screw, PBI4X16
A512	23035010	Screw, PBI4X16
A513	23774410	Screw, PB4X07X10 SBN
A516	23037312	Screw, BTBW3X12SZN
A701	23525885	Carton
A702	23935804	Packing
A705	23943008	Cover POLY
A706	23845450	Joint
A710	23525692	Bottom, Carton
KK20	23430599	Mirror, MIRROR-44HR
KK52	23430614	Lenti Sheet, LENTI-44T
KK53	23430615	Fresnel Sheet, FRESNEL-44T

Location No.	Part No.	Description

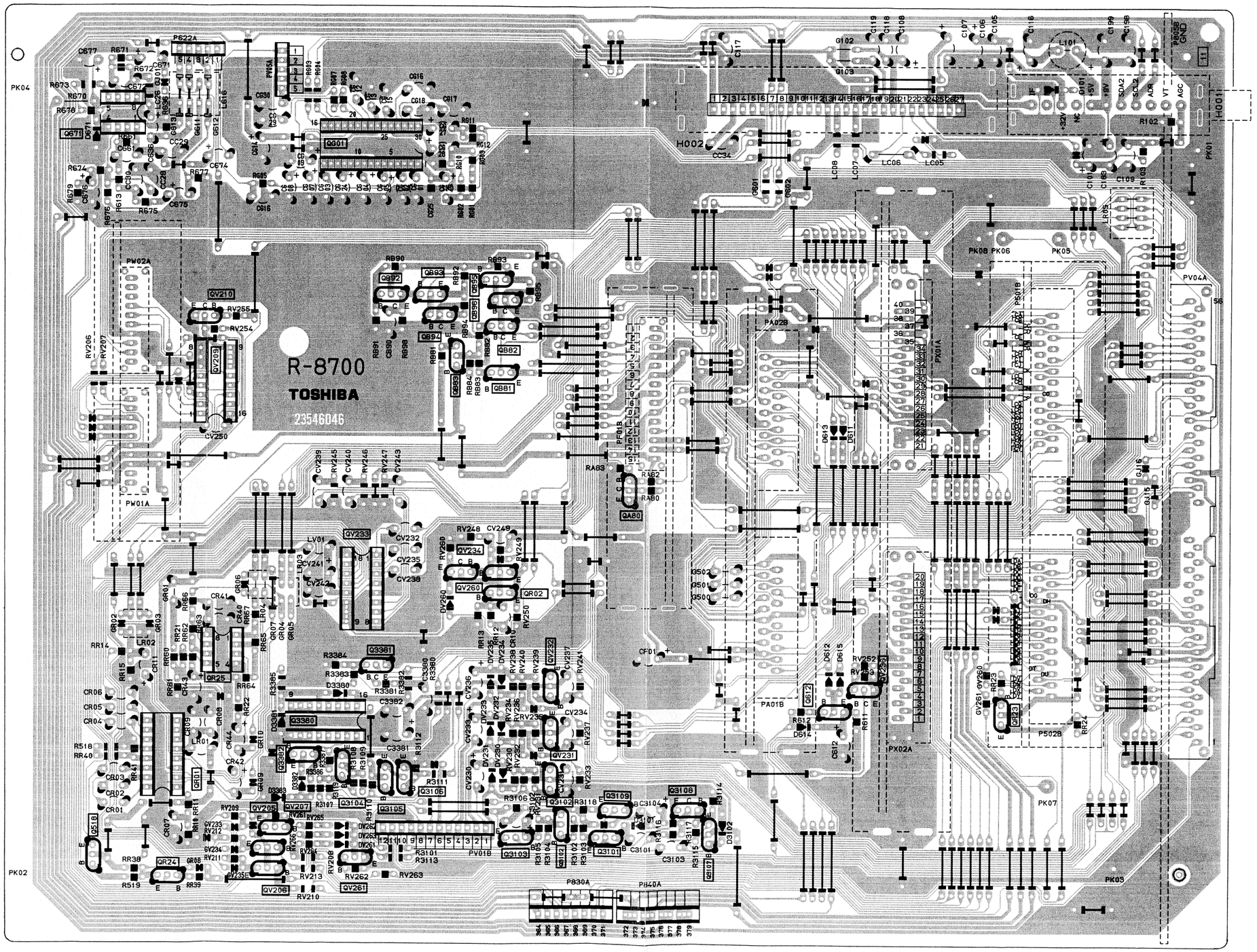
POWER/AUDIO BOARD PB8857A

BOTTOM (FOIL) SIDE



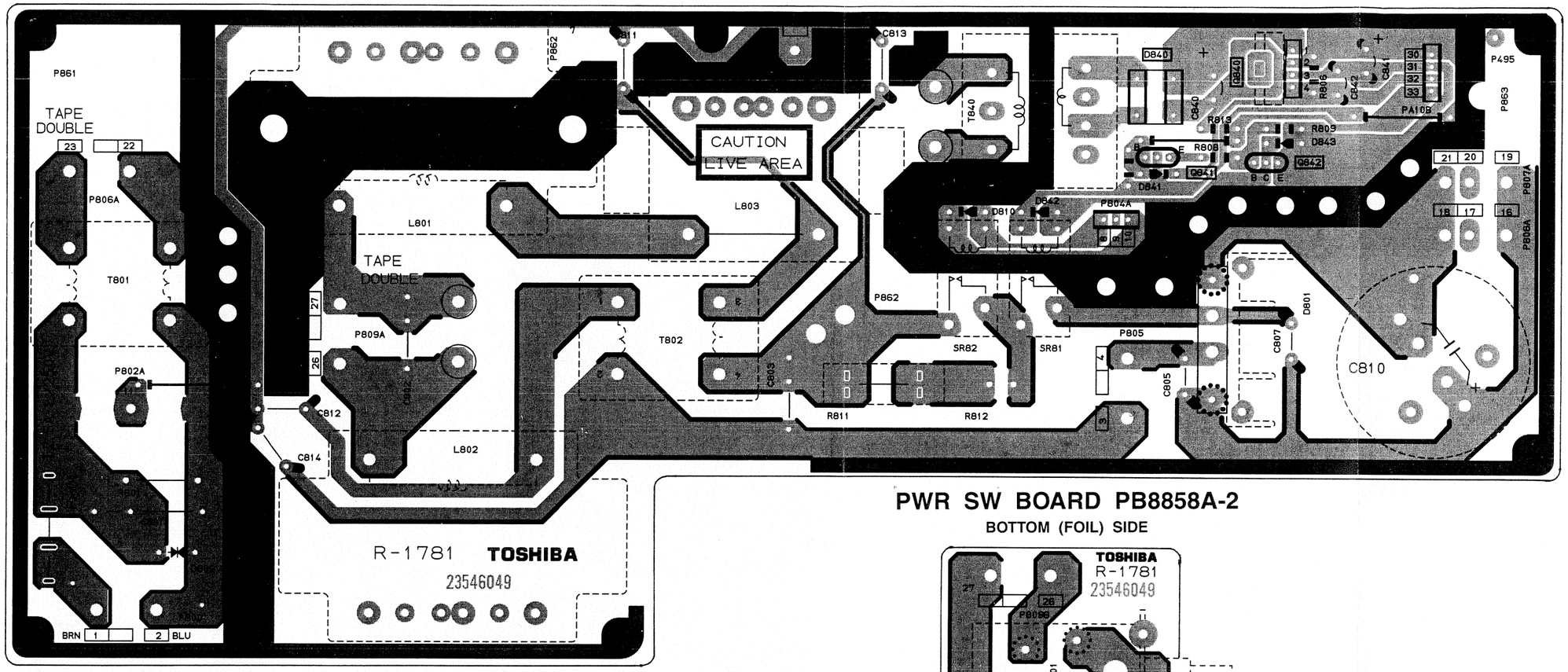
SIGNAL BOARD PB8854A

BOTTOM (FOIL) SIDE



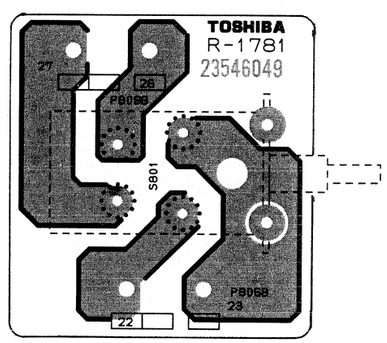
AC BOARD PB8858A-1

BOTTOM (FOIL) SIDE



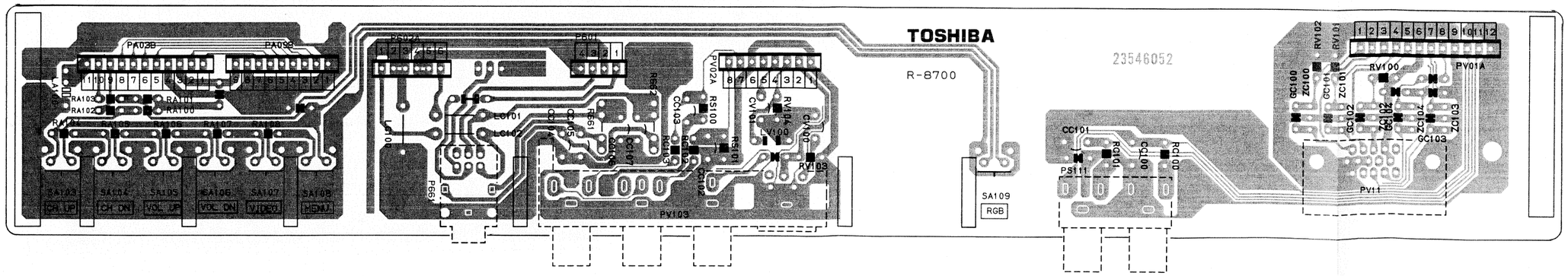
PWR SW BOARD PB8858A-2

BOTTOM (FOIL) SIDE



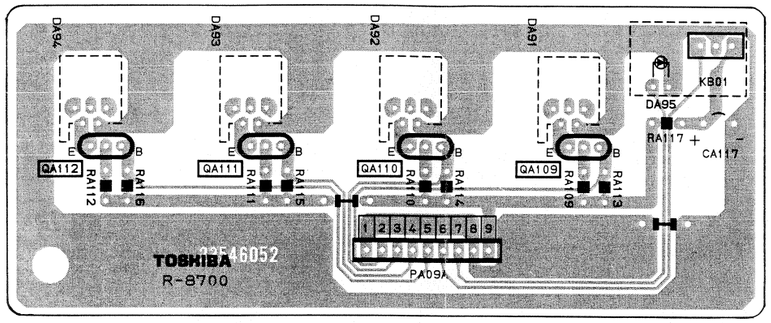
CONT-1 BOARD PB8862-1

BOTTOM (FOIL) SIDE



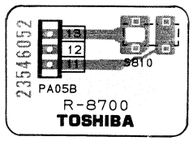
CONT-2 BOARD PB8862-2

BOTTOM (FOIL) SIDE



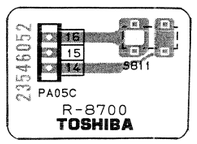
SHUT SW1 BOARD PB8862-3

BOTTOM (FOIL) SIDE



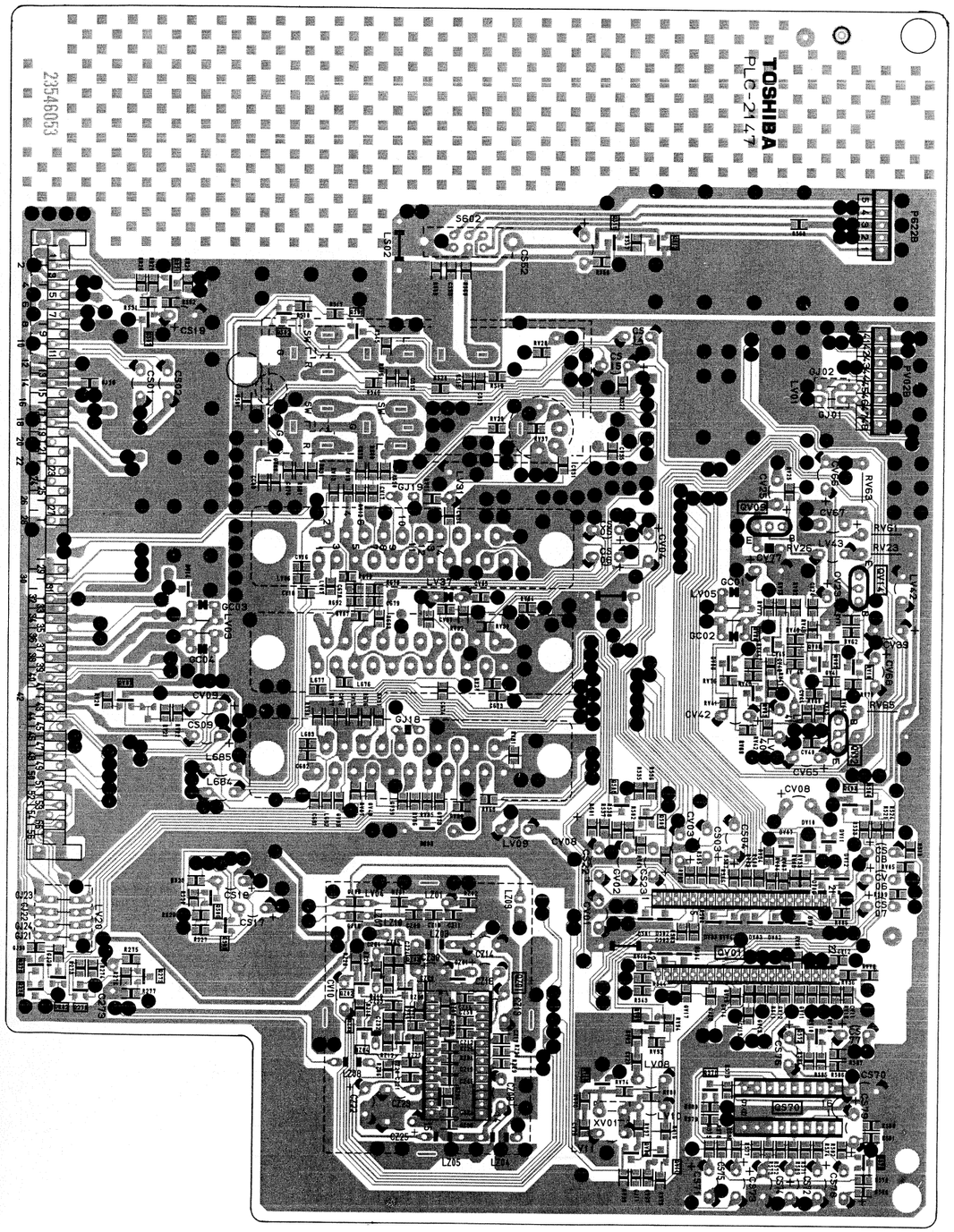
SHUT SW2 BOARD PB8862-4

BOTTOM (FOIL) SIDE



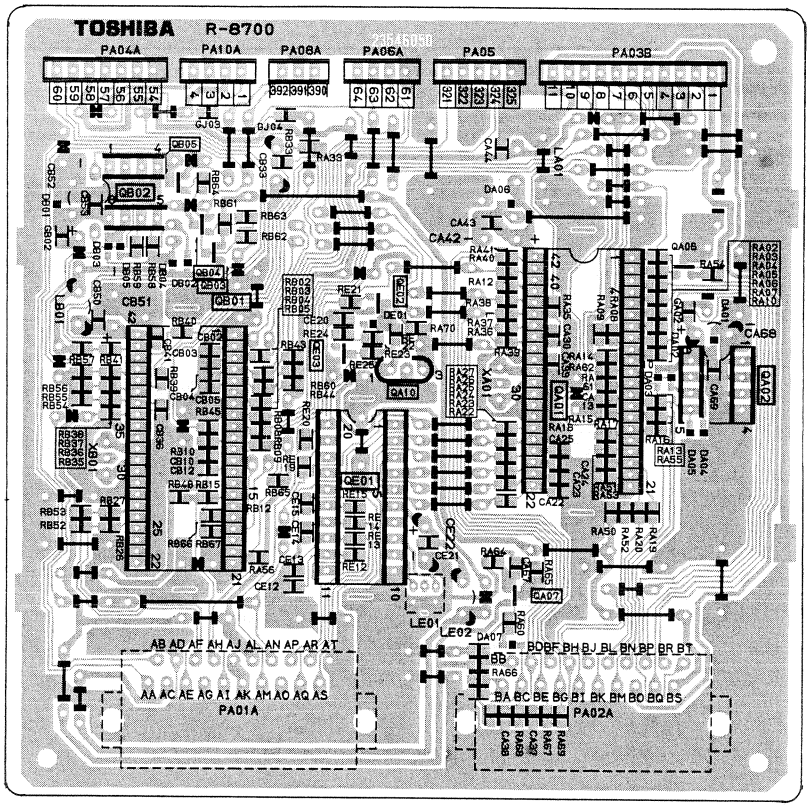
BACK A/V BOARD PB8863A

BOTTOM (FOIL) SIDE



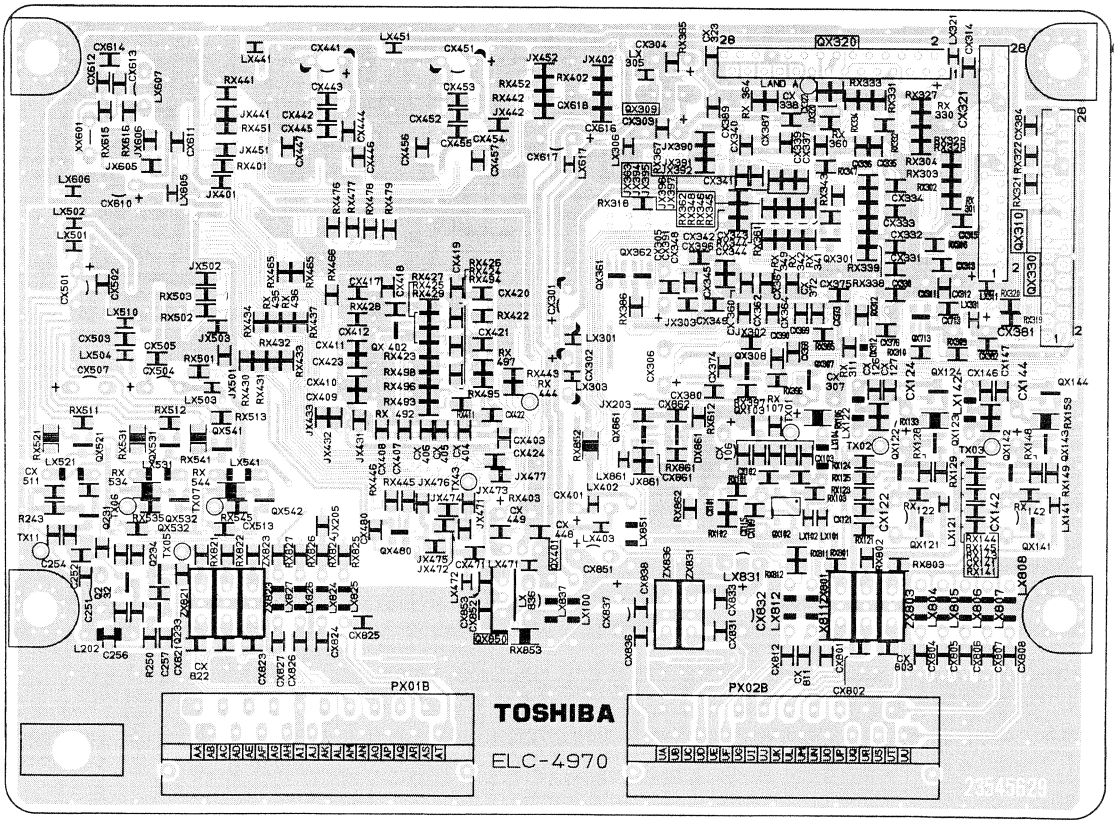
MICON BOARD PB8860A

BOTTOM (FOIL) SIDE



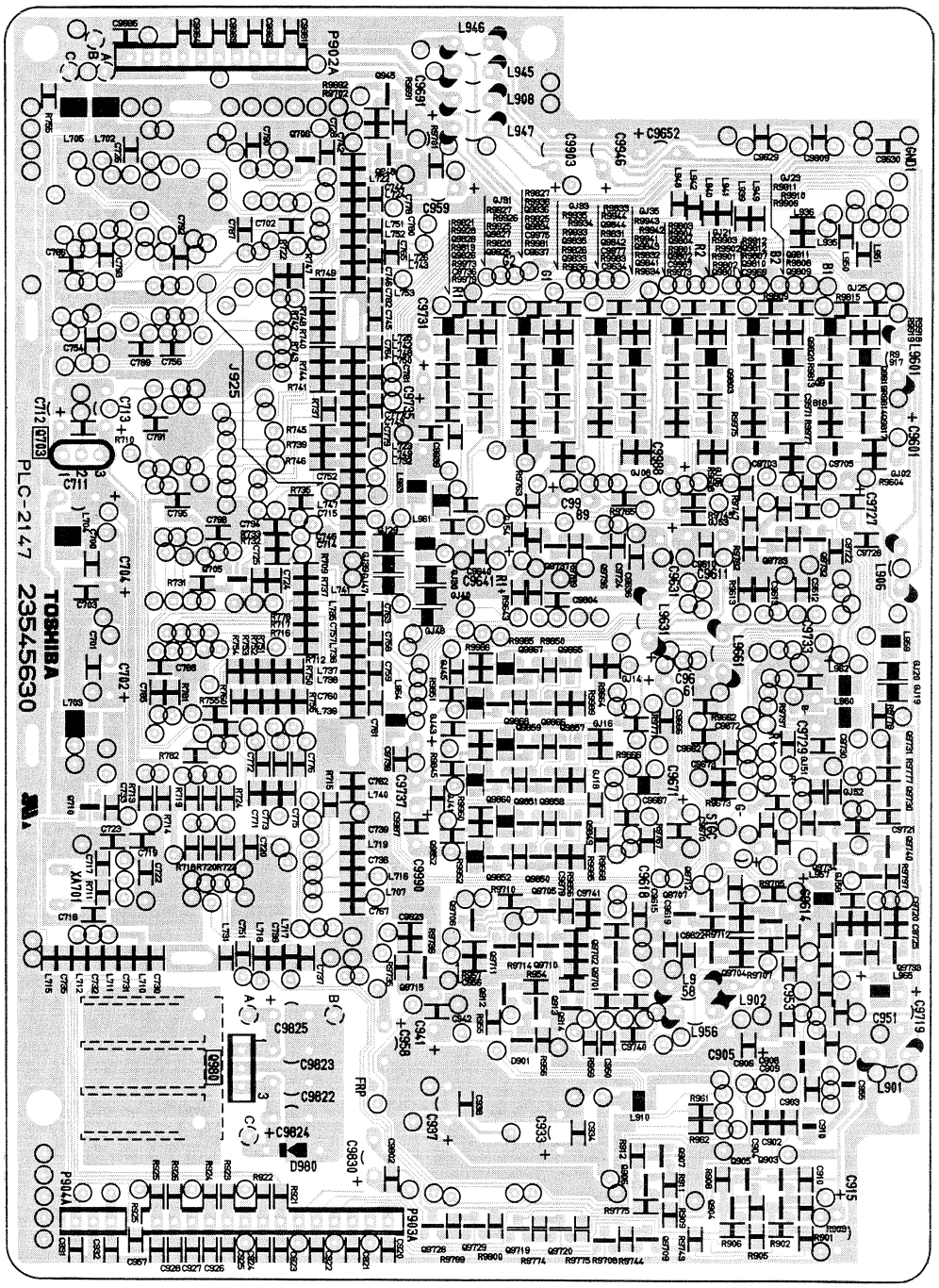
UP-CON BOARD PB7976B

BOTTOM (FOIL) SIDE



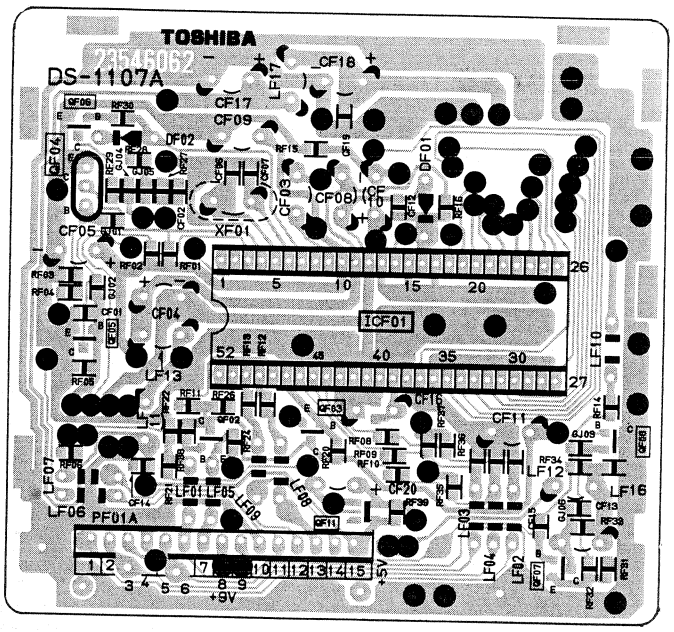
RGB-DRIVE BOARD PB8641

BOTTOM (FOIL) SIDE



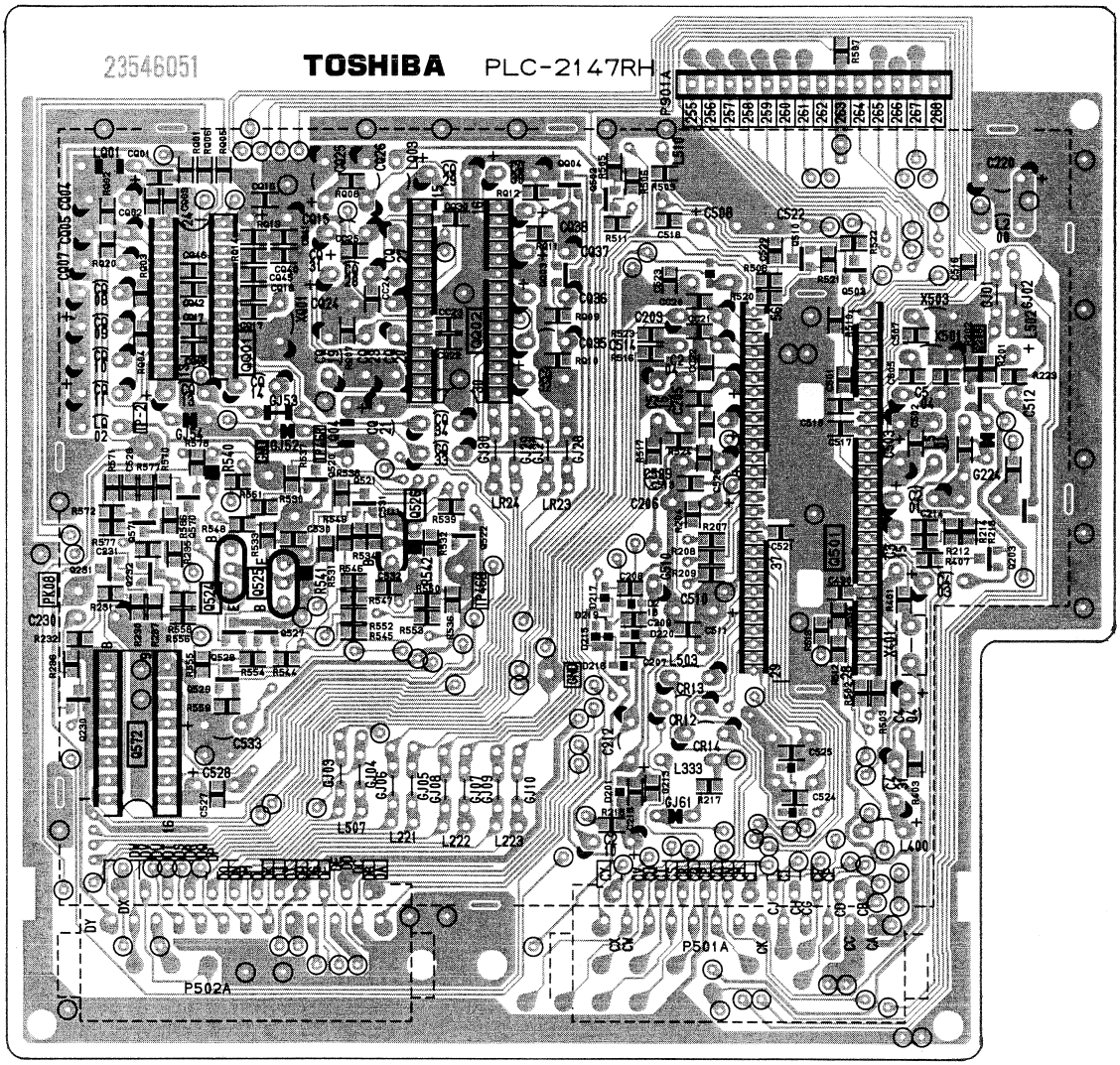
TEXT BOARD PB8876

BOTTOM (FOIL) SIDE



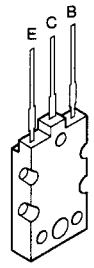
V/C/D BOARD PB8861A

BOTTOM (FOIL) SIDE

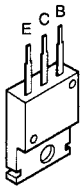


TERMINAL VIEW OF TRANSISTORS

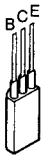
① 2SD2253
(old)
2SC5243



② 2SC3852
2SD1763A
2SC1569
2SC4544
2SA1788
2SA1306
2SA1186A

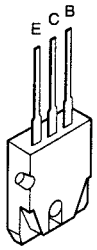


③ 2SC752GTM
2SC2482
2SC2655
2SC4721P

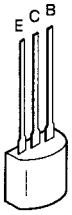


④ 2SC752
2SA562TM
2SA1015
2SC1815
2SC2878
2SC1740S
2SC2120
2SA9335

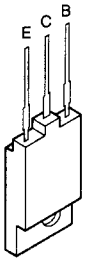
⑤ 2SA1788



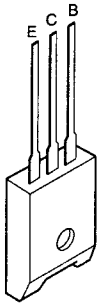
⑥ RN2203
RN2201
RN2004
RN1203
RN1204
RN2204
RN1205
RN1202
RN1201



⑦ 2SD1554
2SD2253
2SD1556
2SC5143
2SD2553



⑧ ON4409



MEMO

SCHEMATIC DIAGRAM MODEL : 44PL93G (1/6)

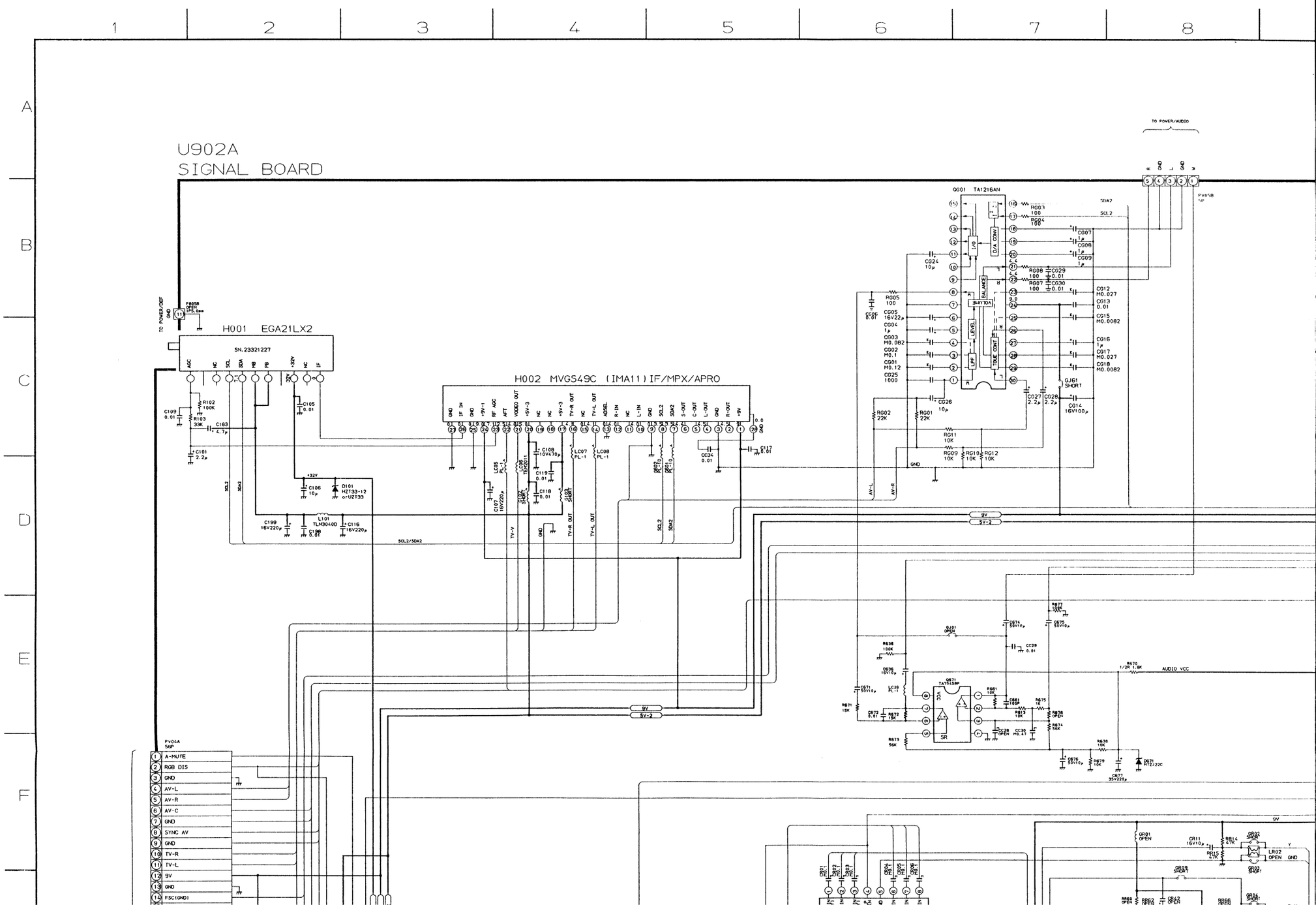
CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 3. Do not degrade the safety of the receiver through improper servicing.

OBSERVATION OF VOLTAGES AND WAVEFORMS

1. Voltages read with VTVM from point shown to chassis ground, line voltage 220 volts, colour bar signal. Voltages reading may vary ±20%.
2. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
3. Waveforms are taken using a standard colour bar signal.
4. Make sure that CONTRAST and COLOUR controls are in mid position and BRIGHTNESS control is almost in maximum position. Set other controls for best picture.

NOTES:

1. D.C. resistance value of a pr
gram. These are measured fo
2. The circuits are subject to cha
3. ⬬ : Solder links.



TO BACK TERM-A/V

GND

TO FRONT CONTROL (MV011)

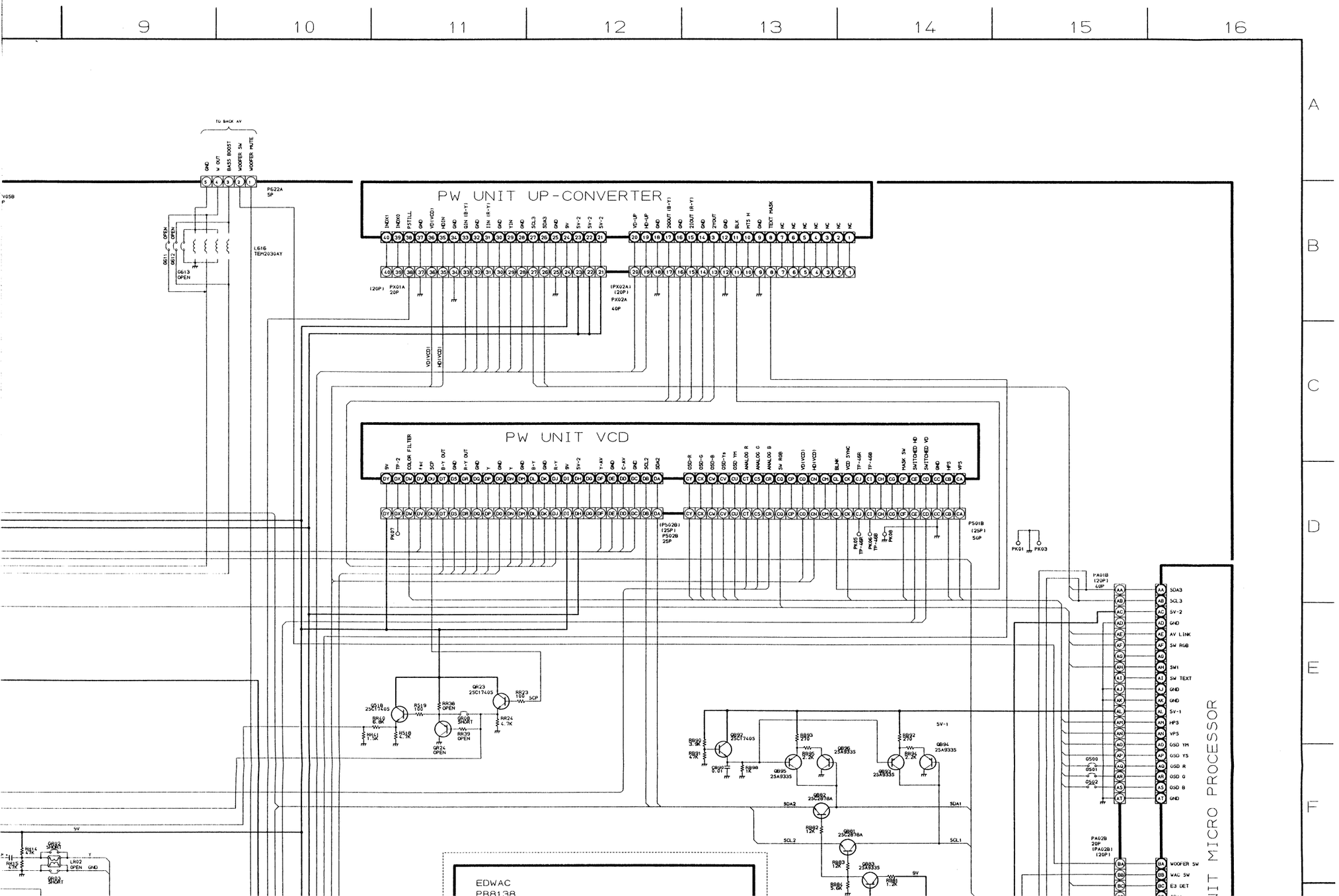
TEXT UNIT

stance value of a principal transformer is shown in this schematic dia-
ese are measured for separated from the circuit.
its are subject to change without notice.
lder links.

EXPRESSION

VALUE OF RESISTOR, CAPACITOR and INDUCTOR

1. Resistance is shown in ohm, k=1,000, M=1,000,000
2. Unless other wise noted in schematic, all capacitor values less than 1 are expressed in μF and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in μH, and the values less than 1 in H.



EDWAC
P88138

PW UNIT MICRO PROCESSOR

PW UNIT POWER

40" WIDE MODEL ONLY.

	40"	44"
GV233	NON	SHORT
GV234		
GV235		

44PL93G 1/6
PK2869

SCHEMATIC DIAGRAM MODEL : 44PL93G (2/6)

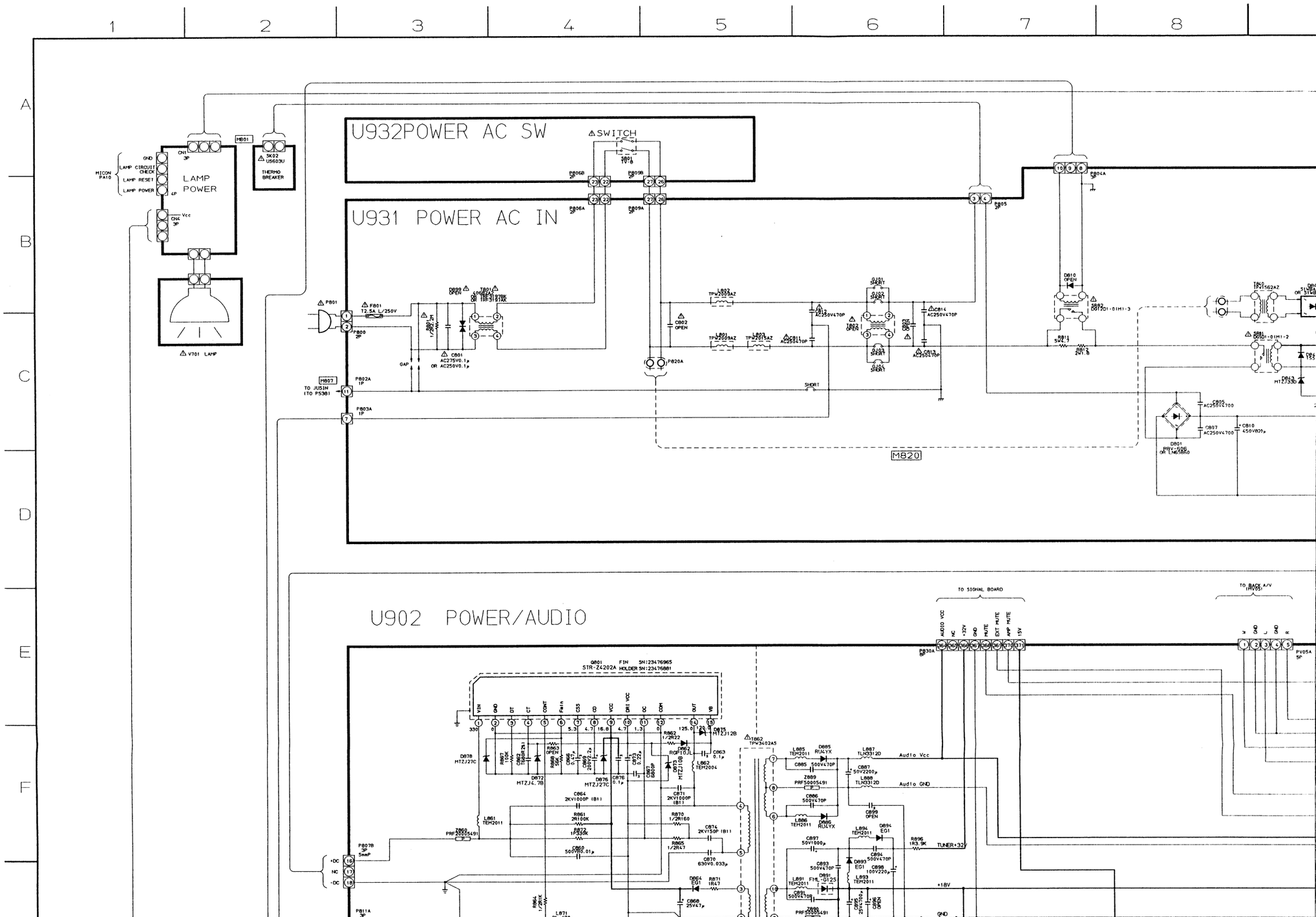
CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 3. Do not degrade the safety of the receiver through improper servicing.

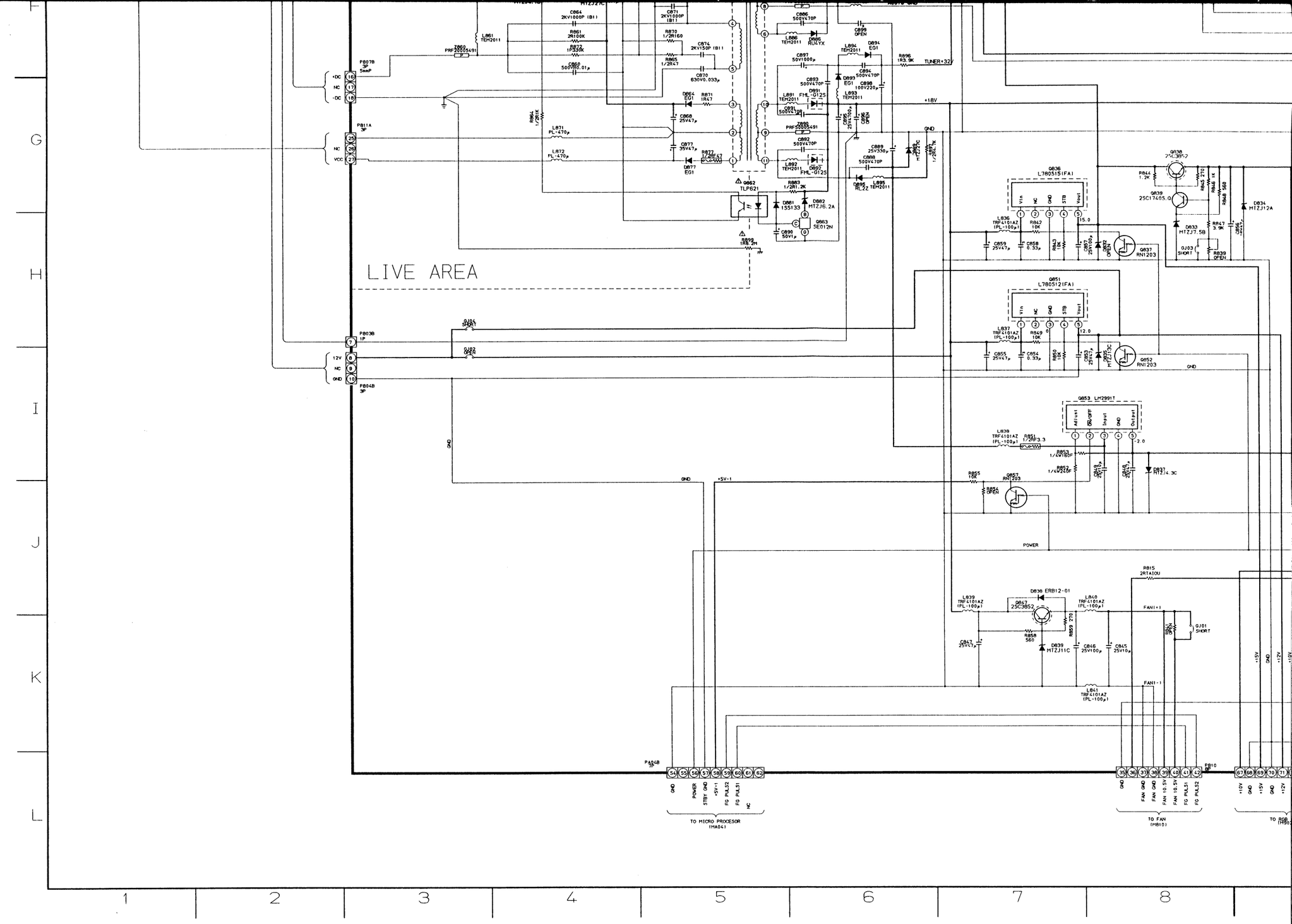
OBSERVATION OF VOLTAGES AND WAVEFORMS

1. Voltages read with VTVM from point shown to chassis ground, line voltage 220 volts, colour bar signal. Voltages reading may vary ±20%.
2. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
3. Waveforms are taken using a standard colour bar signal.
4. Make sure that CONTRAST and COLOUR controls are in mid position and BRIGHTNESS control is almost in maximum position. Set other controls for best picture.

NOTES:

1. D.C. resistance value of a prin
gram. These are measured for s
2. The circuits are subject to chang
3. ⬬ : Solder links.



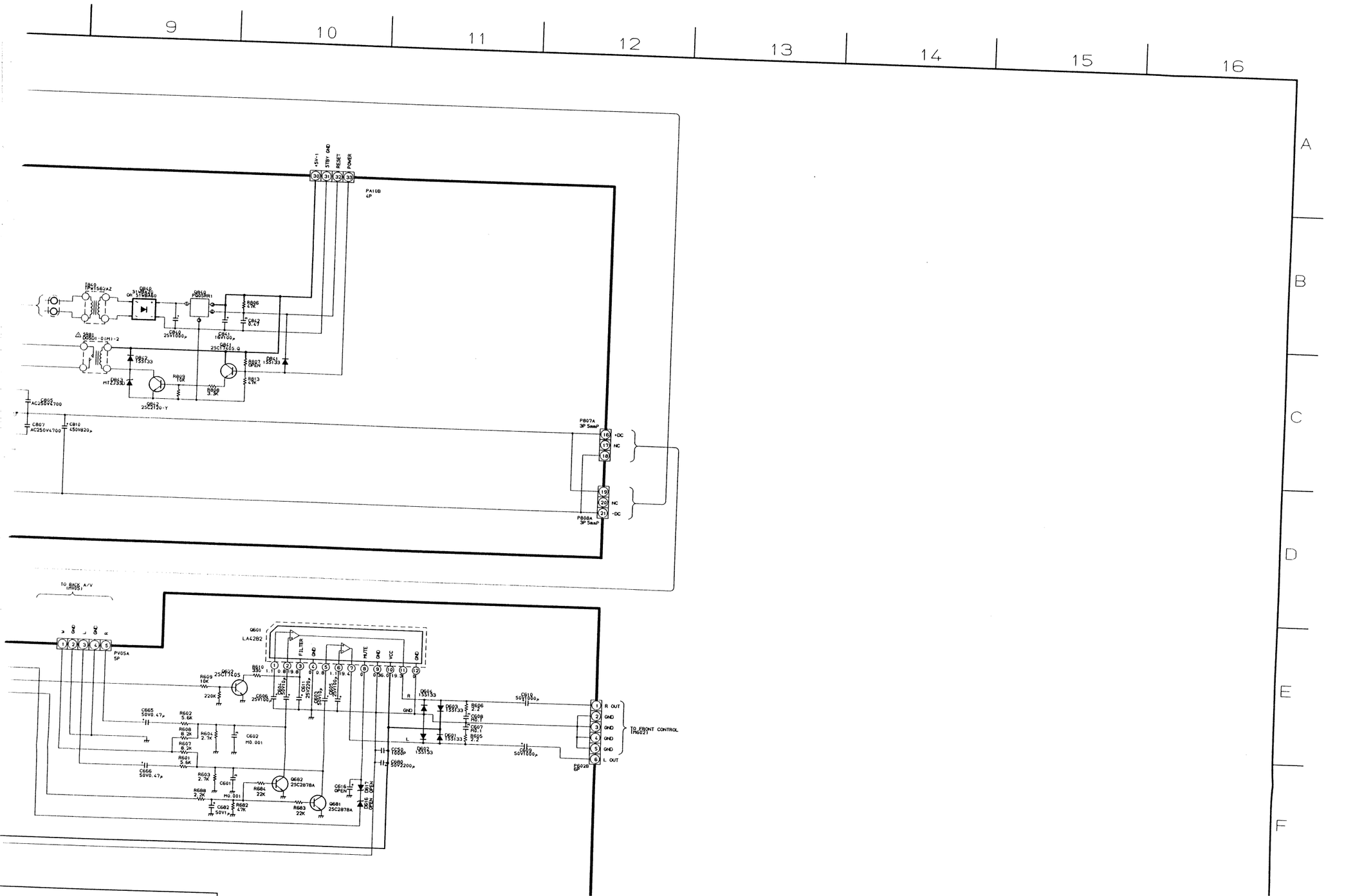

LIVE AREA
P803B 3P 5mmP
+DC
NC
-DC
P811A 3P
NC
VCC
P803B 1P
12V
NC
GND
P804B 3P
L861 TEM2011
R860 PRF20D05491
C864 2KV1000P (B1)
R861 2R100K
R872 1P330K
C860 500V80.01μ
C871 2KV1000P (B1)
R870 1/2R160
C874 2KV150P (B1)
R865 1/2R47
C870 630V0.033μ
R864 1/2R1K
D864 EG1
R871 1R47
C868 25V47μ
C877 35V47μ
R877 1/2RF47
D877 EG1
L871 PL-470μ
L872 PL-470μ
D862 TLP621
R869 1R8 2M
Q854 SHORT
Q855 SHORT
GND
+5V-1
C886 500V470P
L886 TEM2011
D886 RU47X
C899 OPEN
L894 TEM2011
D894 EG1
R896 1R3.9K
TUNER+32
C897 50V1000μ
C893 500V470P
D893 EG1
C898 100V220μ
L893 TEM2011
D891 FML-G12S
L891 TEM2011
C891 500V470P
+18V
C895 25V1000μ
C896 OPEN
C892 500V470P
D892 FML-G12S
L892 TEM2011
C889 25V330μ
C888 500V470P
D888 MTZJ27C
R888 1/2R27K
D895 RL22
L895 TEM2011
C883 1/2R1.2K
D881 1SS133
D882 MTZJ6.2A
C890 50V1μ
D883 SE012N
GND
Q838 2SC3852
R844 1.2K
R845 470
R846 1K
R848 560
Q839 2SC1740S-Q
D834 MTZJ12A
D833 MTZJ7.5B
QJ03 SHORT
R847 3.9K
C840 25V47μ
Q836 L7805I5(FA)
L836 TRF4101AZ (PL-100μ)
R842 10K
C859 25V47μ
C858 0.33μ
R843 10K
C857 25V100μ
D837 OPEN
Q837 RN1203
15.0
Q851 L7805I2(FA)
L837 TRF4101AZ (PL-100μ)
R849 10K
C855 25V47μ
C854 0.33μ
R850 10K
C853 25V47μ
D835 MTZJ13C
Q852 RN1203
12.0
Q853 LM2991T
L838 TRF4101AZ (PL-100μ)
R851 1/2R3.3
R853 1/4W180F
R852 1/4W562F
C849 25V47μ
C848 25V47μ
D837 MTZJ4.3C
R855 10K
Q857 RN1203
R854 OPEN
-2.0
POWER
RB15 2RTA10U
L839 TRF4101AZ (PL-100μ)
D838 ERB12-01
Q847 2SC3852
R858 560
R859 270
C847 25V47μ
D839 MTZJ11C
C846 25V100μ
C845 25V10μ
L840 TRF4101AZ (PL-100μ)
FAN1-1
SW01 OPEN
QJ01 SHORT
L841 TRF4101AZ (PL-100μ)
FAN1-1
P804B 1P
GND
POWER
STBY GND
+5V-1
FG PULSE
FG PULSE1
NC
TO MICRO PROCESOR (MA04)
P810 8P
GND
FAN GND
FAN GND
FAN 10.5V
FAN 10.5V
FG PULSE
FG PULSE
TO FAN (MB10)
+10V
GND
+5V
GND
+12V
+10V
TO RGB (MB01)

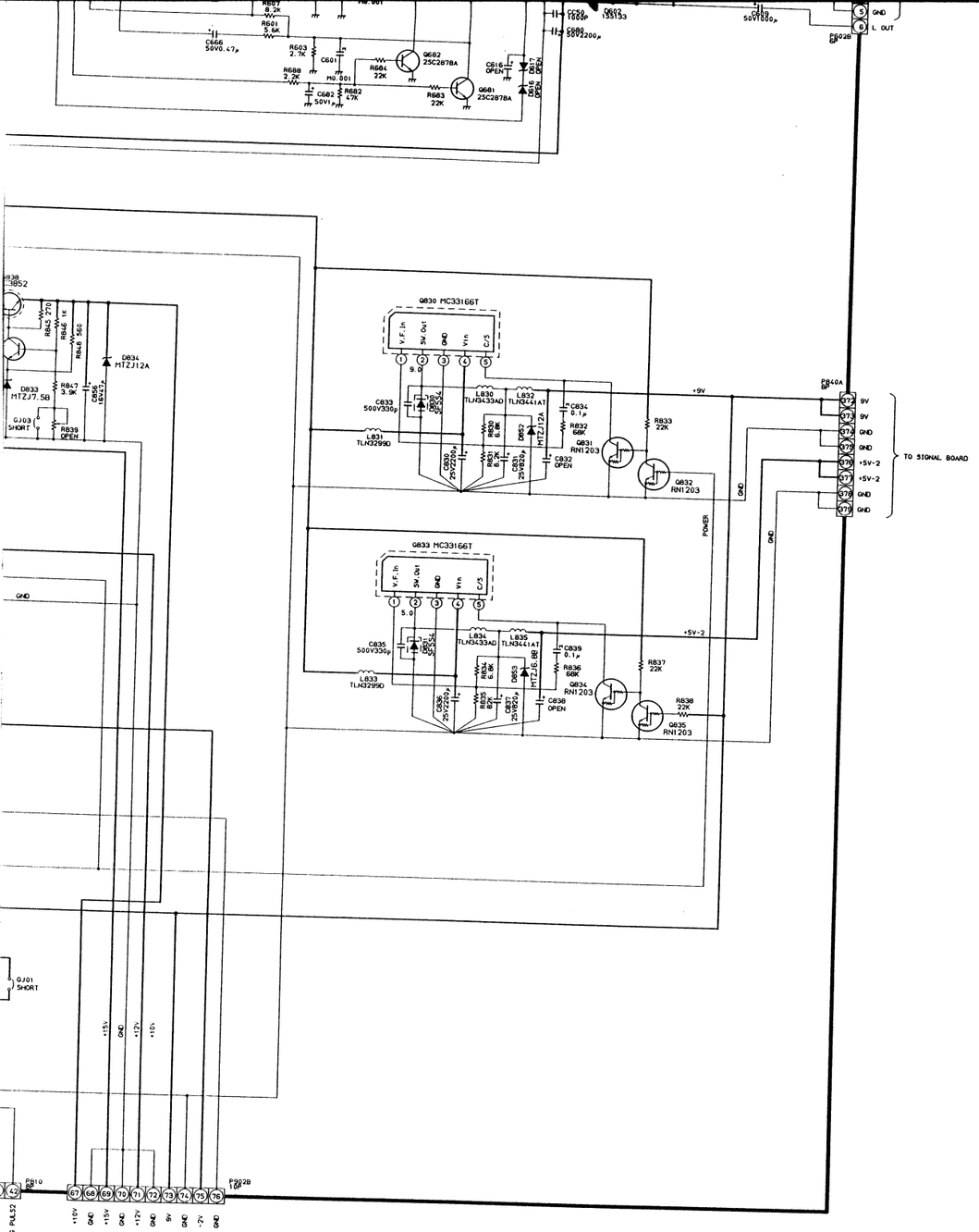
sistance value of a principal transformer is shown in this schematic dia-
hese are measured for separated from the circuit.
:uits are subject to change without notice.
older links.

EXPRESSION

VALUE OF RESISTOR, CAPACITOR and INDUCTOR

1. Resistance is shown in ohm, k=1,000, M=1,000,000
2. Unless other wise noted in schematic, all capacitor values less than 1 are expressed in μF and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in μH, and the values less than 1 in H.





44PL93G 2/6
PK2870

2/6

SCHEMATIC DIAGRAM MODEL : 44PL93G (3/6)

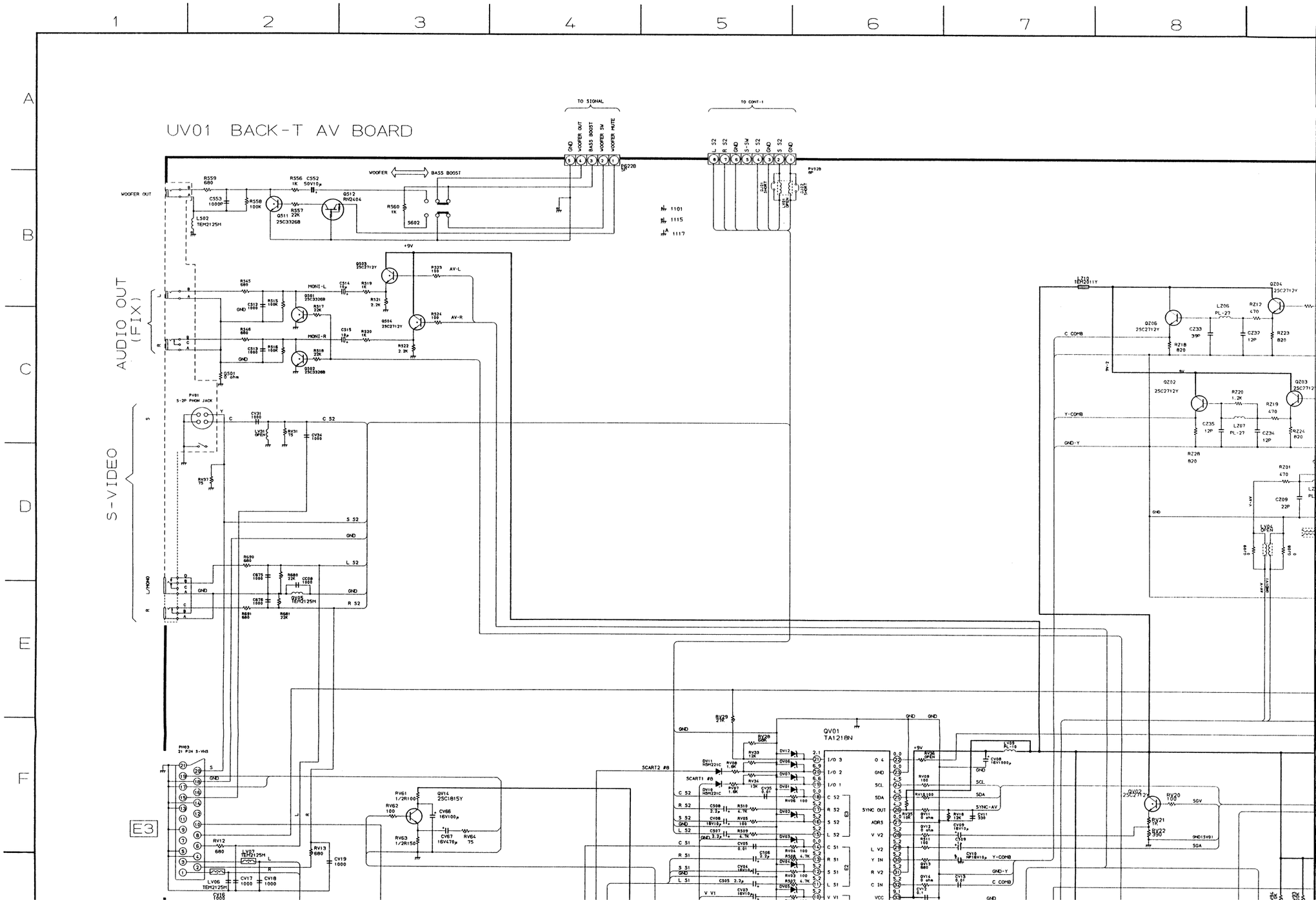
CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 3. Do not degrade the safety of the receiver through improper servicing.

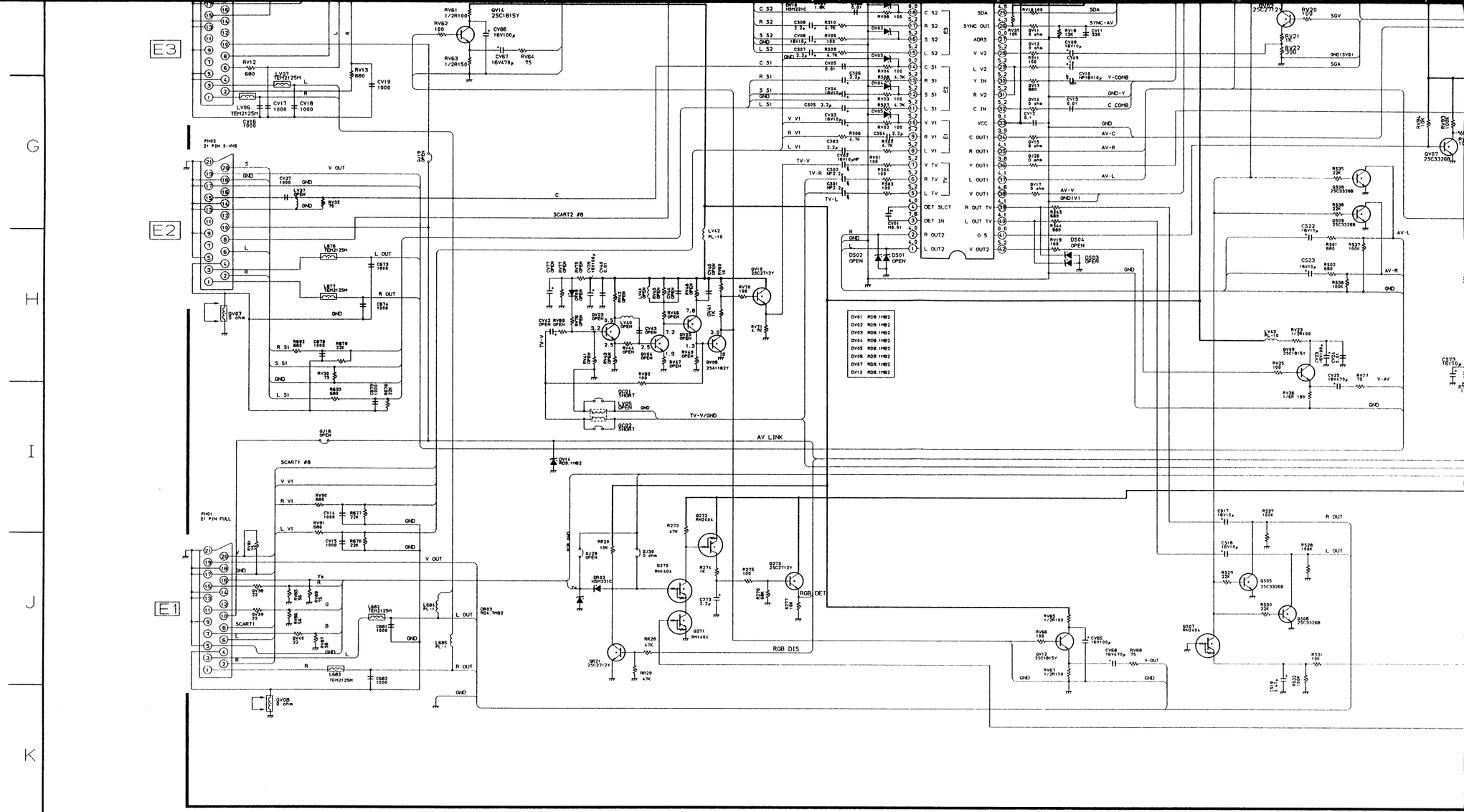
OBSERVATION OF VOLTAGES AND WAVEFORMS

1. Voltages read with VTVM from point shown to chassis ground, line voltage 220 volts, colour bar signal. Voltages reading may vary ±20%.
2. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
3. Waveforms are taken using a standard colour bar signal.
4. Make sure that CONTRAST and COLOUR controls are in mid position and BRIGHTNESS control is almost in maximum position. Set other controls for best picture.

NOTES:

1. D.C. resistance value of a prin
gram. These are measured for s
2. The circuits are subject to chang
3. ⬬ : Solder links.




E3
E2
E1
PH02
21 PIN S-VHS
PH01
21 PIN FULL
SCART2 #8
SCART1 #8
AV LINK
TV-V/GND
RGB DET
RGB DIS
V-OUT
SYNC-AV
AV-C
AV-R
AV-L
AV-V
SGV
SGA
GND-Y
C COMB
Y-COMB
V-AV
R OUT
L OUT
TV-V
TV-R
TV-L
SDA
SYNC OUT
ADR5
V V2
L V2
Y IN
R V2
C IN
VCC
C OUT1
R OUT1
Y OUT1
L OUT1
V OUT1
R OUT TV
L OUT TV
V OUT2
DET SLCT
DET IN
R OUT2
L OUT2
C 52
R 52
S 52
L 52
C 51
R 51
S 51
L 51
V V1
R V1
L V1
V TV
R TV
L TV
GND
DV01 RD9.1HB2
DV02 RD9.1HB2
DV03 RD9.1HB2
DV04 RD9.1HB2
DV05 RD9.1HB2
DV06 RD9.1HB2
DV07 RD9.1HB2
DV12 RD9.1HB2
DV14 RD9.1HB2
DR02 HSM221C
DR03 RD4.7HB2
Q370 RN1404
Q271 RN1404
Q272 RN2404
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Q274 2SC1815Y
Q275 2SC3326B
Q276 2SC3326B
Q277 RN2404
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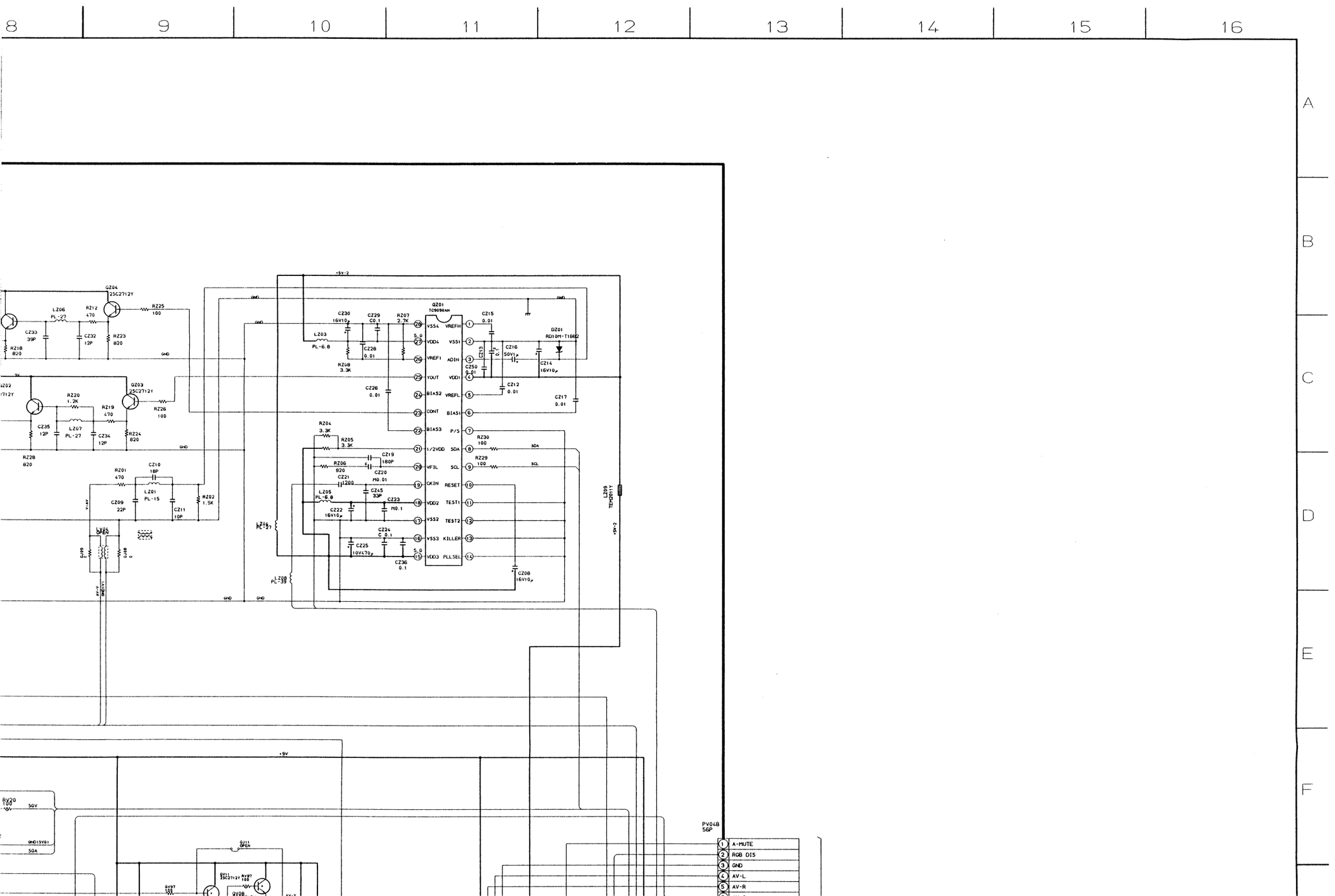
:

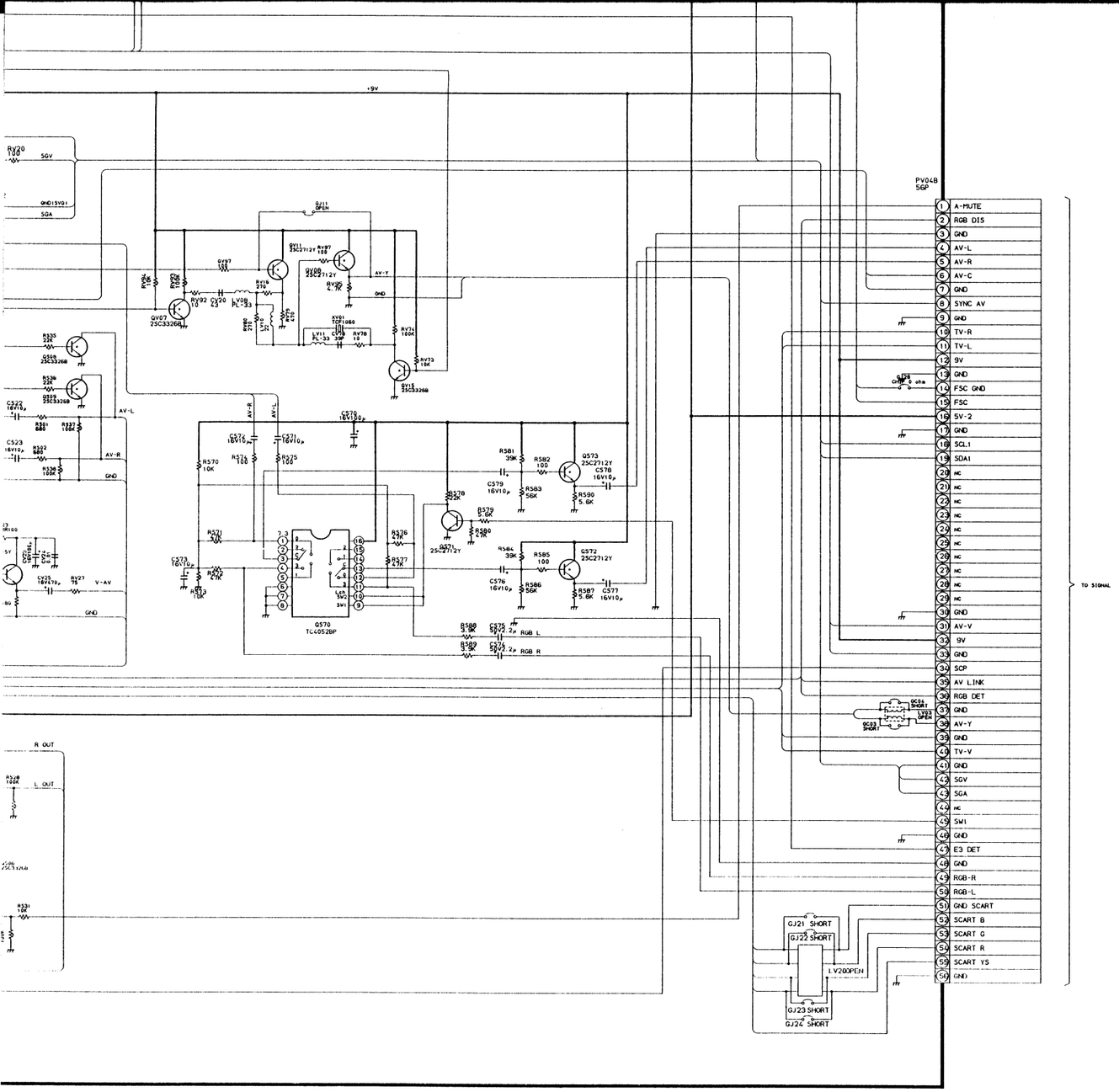
resistance value of a principal transformer is shown in this schematic dia-
. These are measured for separated from the circuit.
circuits are subject to change without notice.
: Solder links.

EXPRESSION

VALUE OF RESISTOR, CAPACITOR and INDUCTOR

1. Resistance is shown in ohm, k=1,000, M=1,000,000
2. Unless other wise noted in schematic, all capacitor values less than 1 are expressed in μF and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in μH, and the values less than 1 in H.





44PL93G 3/6
PK2871

SCHEMATIC DIAGRAM MODEL : 44PL93G (4/6)

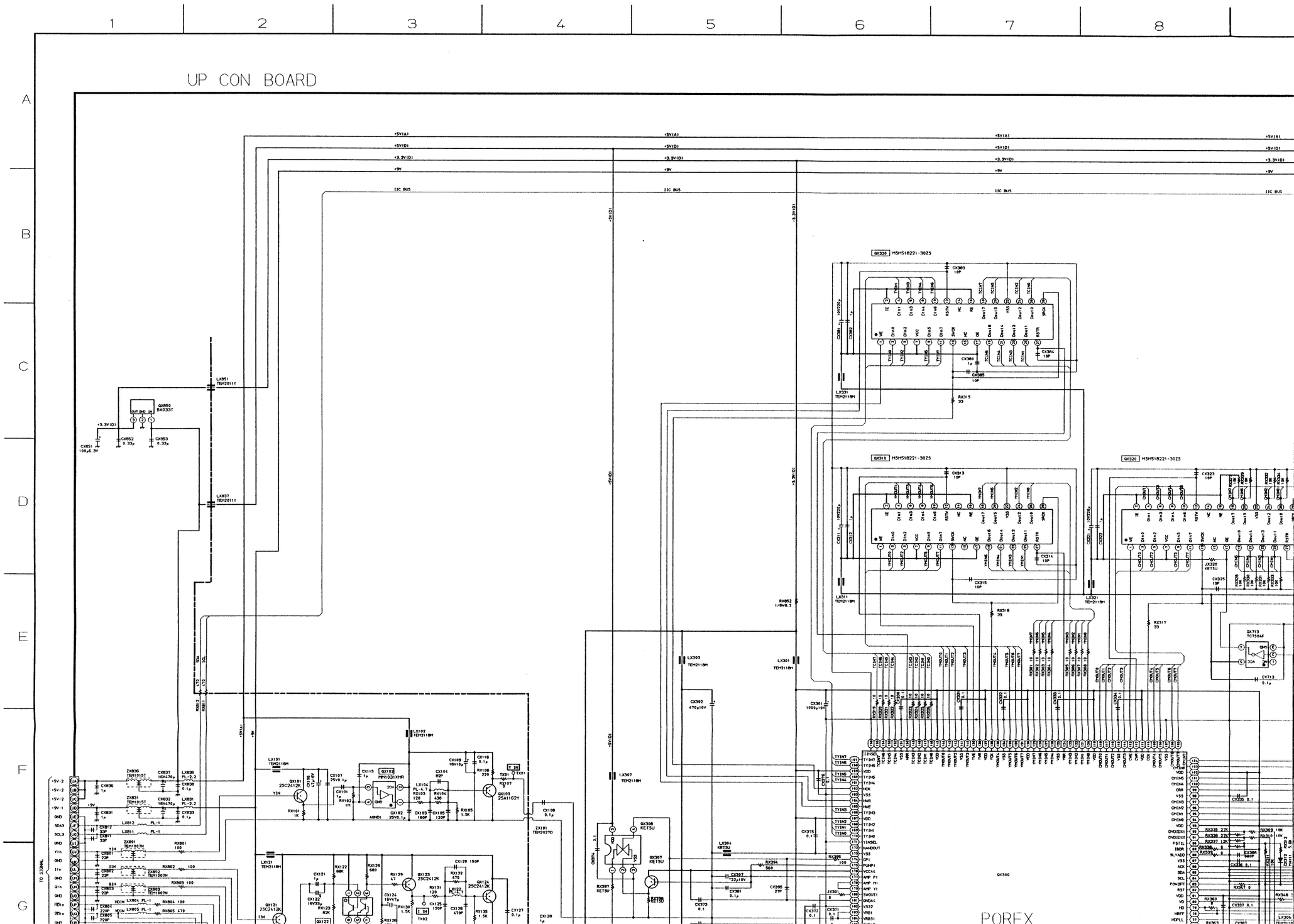
CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 3. Do not degrade the safety of the receiver through improper servicing.

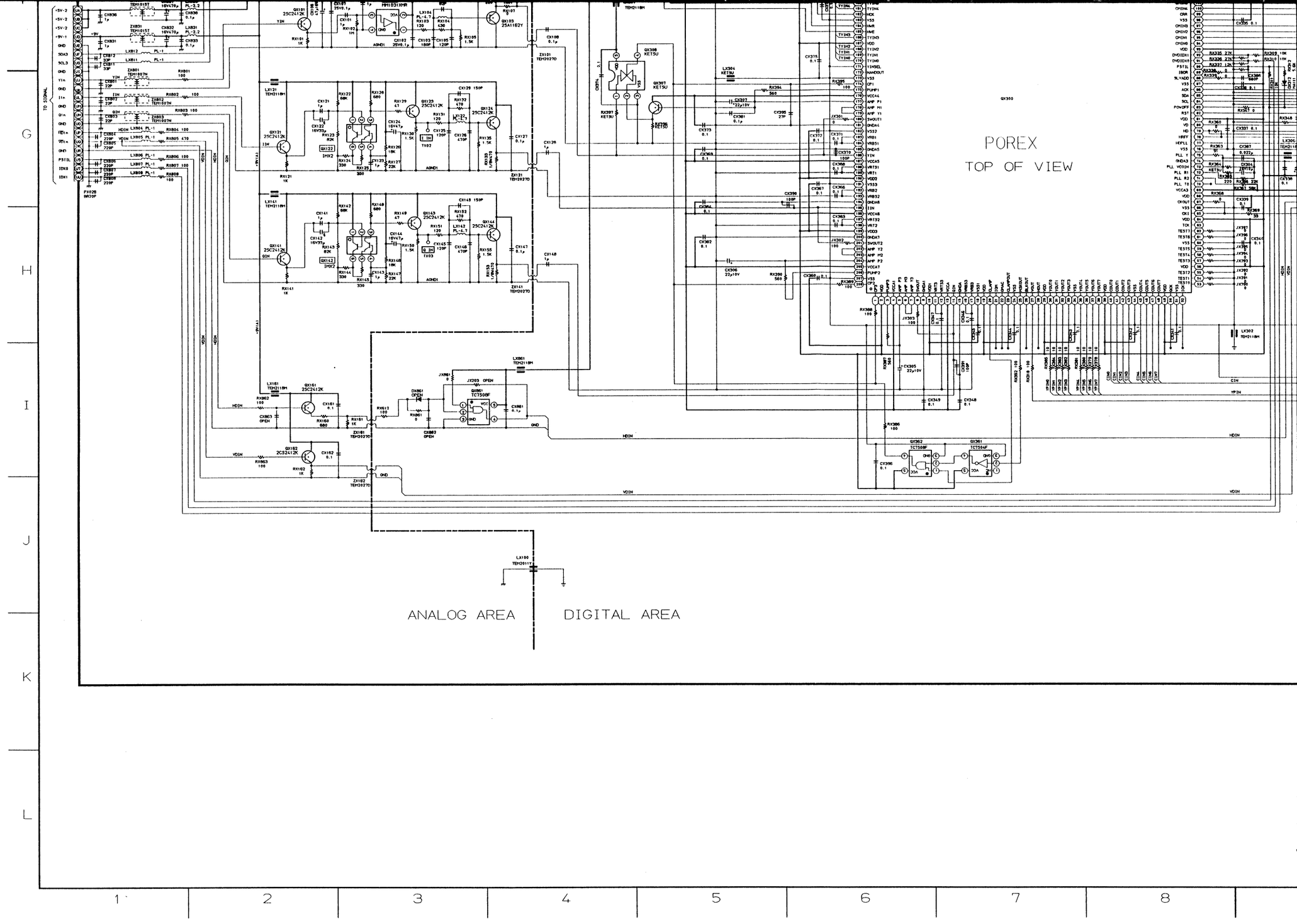
OBSERVATION OF VOLTAGES AND WAVEFORMS

1. Voltages read with VTVM from point shown to chassis ground, line voltage 220 volts, colour bar signal. Voltages reading may vary ±20%.
2. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
3. Waveforms are taken using a standard colour bar signal.
4. Make sure that CONTRAST and COLOUR controls are in mid position and BRIGHTNESS control is almost in maximum position. Set other controls for best picture.

NOTES:

1. D.C. resistance value of a prin
gram. These are measured for
2. The circuits are subject to chan
3. ● : Solder links.




POREX
TOP OF VIEW
ANALOG AREA
DIGITAL AREA
TO SIGNAL
G
H
I
J
K
L
1
2
3
4
5
6
7
8

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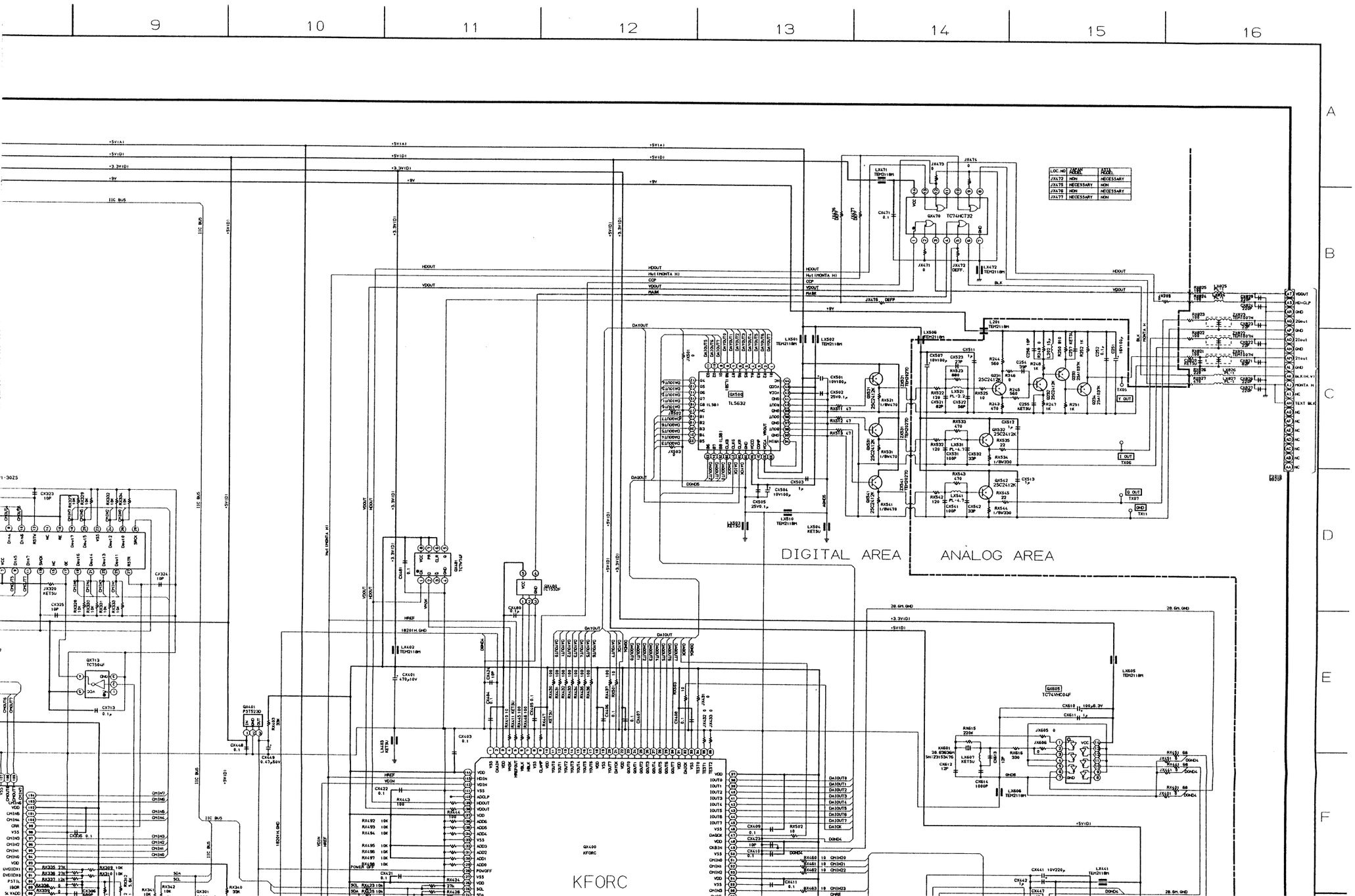
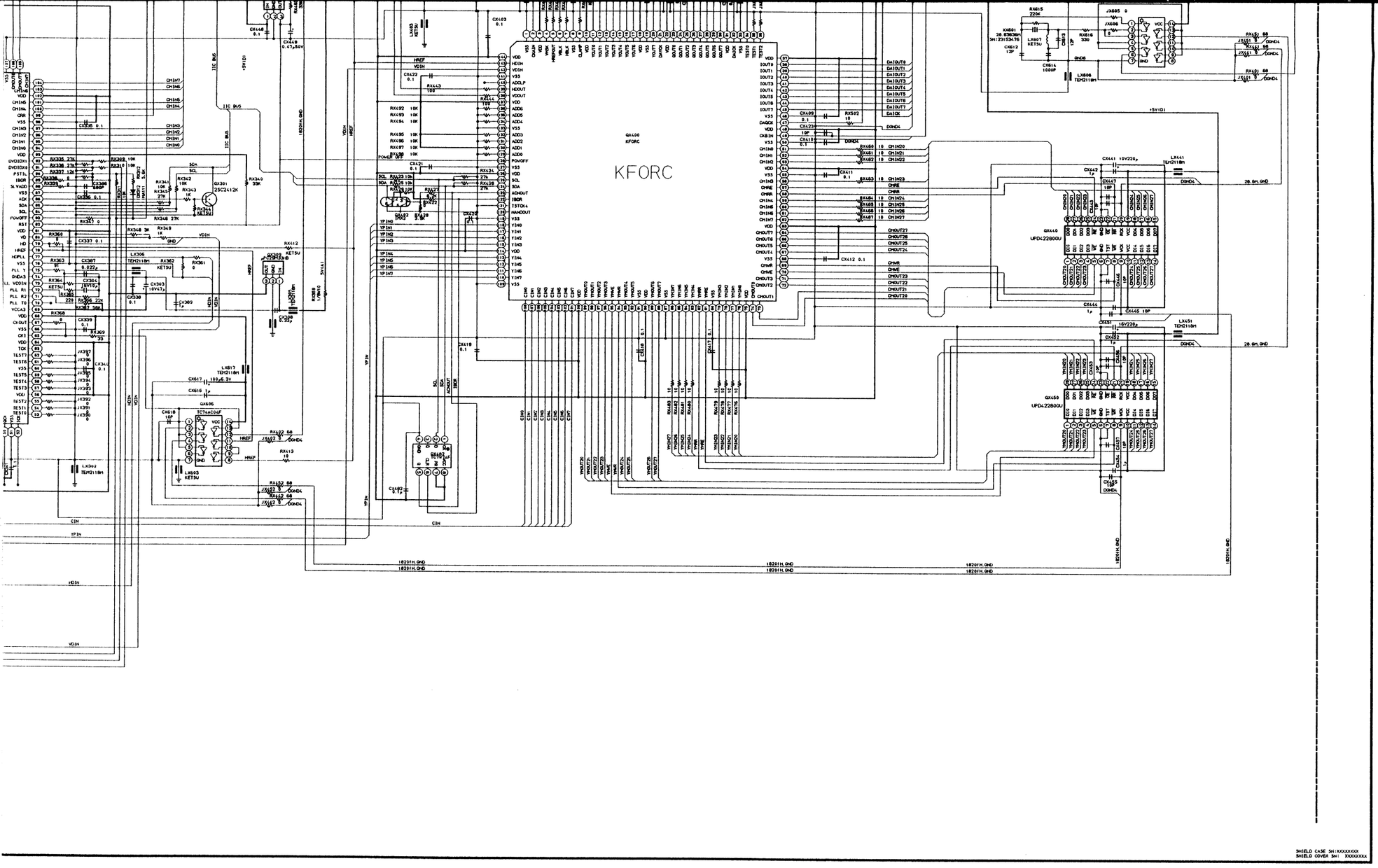
These are measured for separated from the circuit.
cuits are subject to change without notice.
Solder links.

EXPRESSION

VALUE OF RESISTOR, CAPACITOR and INDUCTOR

1. Resistance is shown in ohm, k=1,000, M=1,000,000
2. Unless other wise noted in schematic, all capacitor values less than 1 are expressed in μF and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in μH, and the values less than 1 in H.


9
10
11
12
13
14
15
16
A
B
C
D
E
F
DIGITAL AREA
ANALOG AREA
KFORC
TC74HCT32
TC74VHC04F
TL5632
TC7S04F
TC7SZ00F
TC7W66FK
TC4W53F
TC74HC4051AF
TC74HC4052AF
TC74HC4053AF
TC74HC4066AF
TC74HC4538AF
TC74HC4538AF
TC74HC4538


QX400
KFORC
KFORC
QX440
UPD42280GU
QX450
UPD42280GU
QX696
TCT4ACOUF
SHIELD CASE SH1:XXXXXXXX
SHIELD COVER SH1: XXXXXXXX

SCHEMATIC DIAGRAM MODEL : 44PL93G (5/6)

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NOTES:

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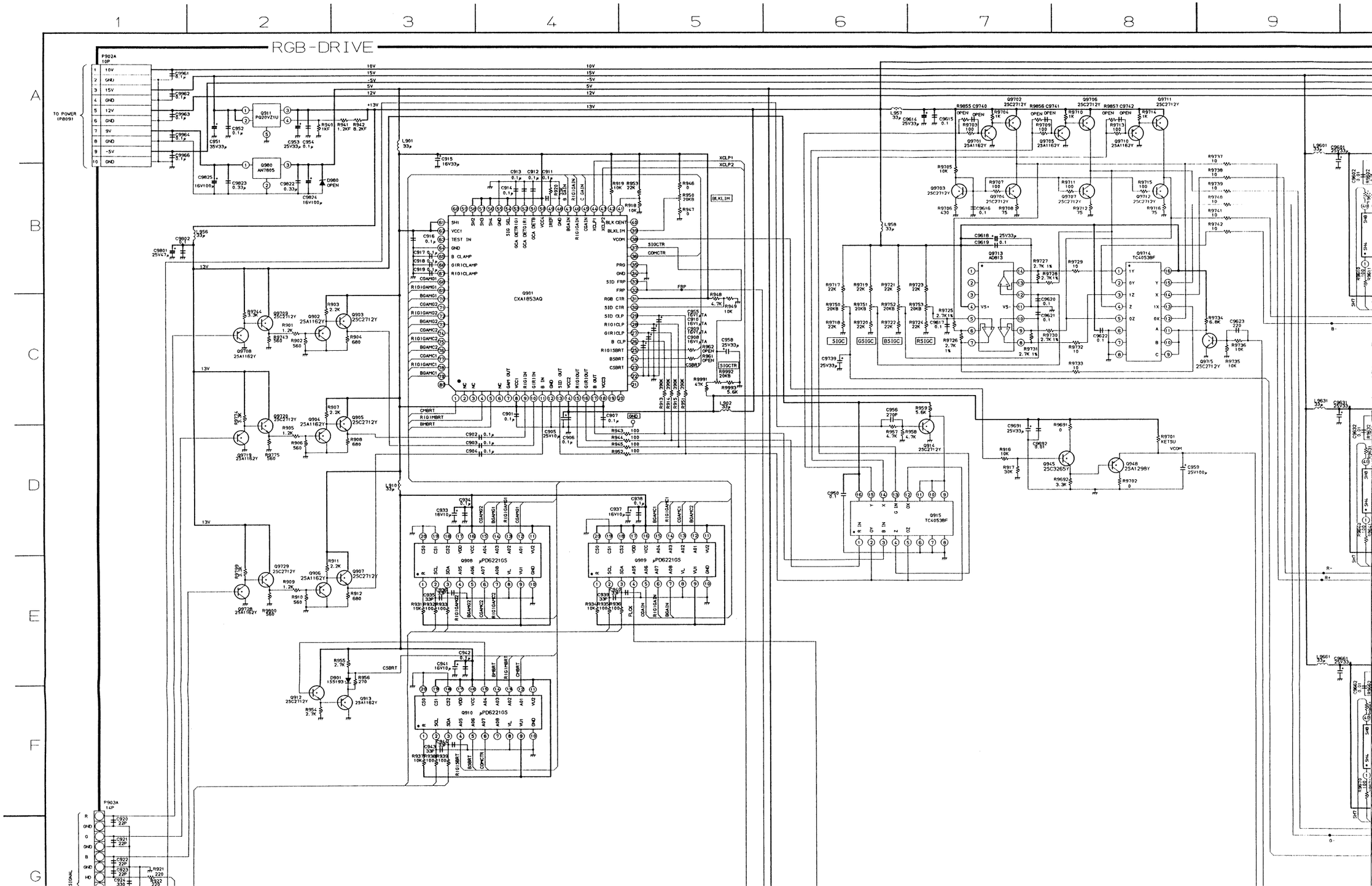
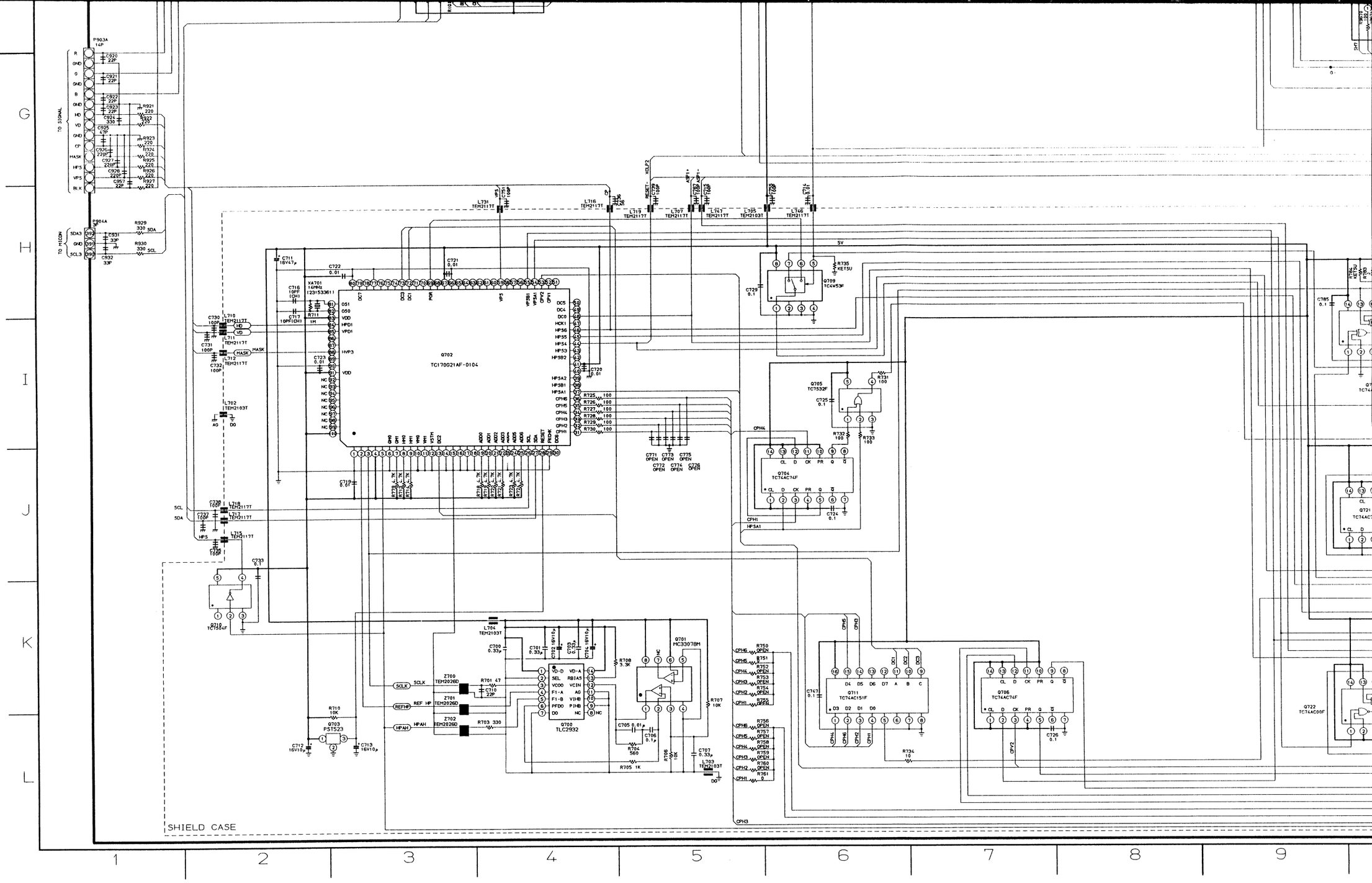
2. The circuits are subject to change without notice.
3. ⬬ : Solder links.




P903A
14P
TO SIGNAL
R
GND
G
GND
B
GND
HD
VD
GND
CP
MASK
HPS
VPS
BLK
C920 22P
C921 22P
C922 22P
C923 22P
C924 330
C925 47P
C926 220P
C927 220P
C928 220P
C929 22P
R921 220
R922 220
R923 220
R924 220
R925 220
R926 220
R927 220
P904A
3P
TO MICON
SDA3
GND
SCL3
C931 33P
C932 33P
R929 330 SDA
R930 330 SCL
C711 16V47μ
C722 0.01
C721 0.01
XA701 16MHz 231533611
C716 10PF (CH)
C717 10PF(CH)
R711 1M
Q702
TC170G21AF-0104
C720 0.01
C729 0.01
C719 0.01
R725 100
R726 100
R727 100
R728 100
R729 100
R730 100
C730 100P
C731 100P
C732 100P
L710 TEH2117T
L711 TEH2117T
L712 TEH2117T
HD
VD
MASK
L702 TEH2103T
L731 TEH2117T
L716 TEH2117T
L719 TEH2117T
L707 TEH2117T
L747 TEH2117T
L705 TEH21031
L746 TEH2117T
C739 100P
C737 100P
C738 100P
L718 TEH2117T
L717 TEH2117T
L715 TEH2117T
SCL
SDA
HPS
C733 0.1
Q710 TC74C4F
L704 TEH2103T
C700 0.33μ
C701 0.33μ
C702 16V10μ
C703 0.33μ
C704 16V10μ
Q701 MC33078M
R708 3.3K
R707 10K
Z700 TEH2026D
Z701 TEH2026D
Z702 TEH2026D
R701 47
C710 22P
R703 330
SCLK
REF HP
HPAH
Q700 TLC2932
C705 0.01μ
C706 0.1μ
R704 560
R705 1K
R706 1K
C707 0.33μ
L703 TEH2103T
R710 10K
Q703 PST523
C712 16V10μ
C713 16V10μ
SHIELD CASE
5V
R735 HET5U
Q709 TC4W53F
C729 0.1
Q705 TC7S32F
C725 0.1
R731 100
R732 100
R733 100
CPH4
Q704 TC74AC74F
C724 0.1
CPH1
HPSA1
C771 OPEN
C773 OPEN
C775 OPEN
C772 OPEN
C774 OPEN
C776 OPEN
R750 OPEN
R751 OPEN
R752 OPEN
R753 OPEN
R754 OPEN
R755 OPEN
R756 OPEN
R757 OPEN
R758 OPEN
R759 OPEN
R760 OPEN
R761 0
CPH3
CPH5
Q711 TC74AC151F
C747 0.1
R734 10
CPH2
Q706 TC74AC74F
C726 0.1
GPV2
Q722 TC74AC08F

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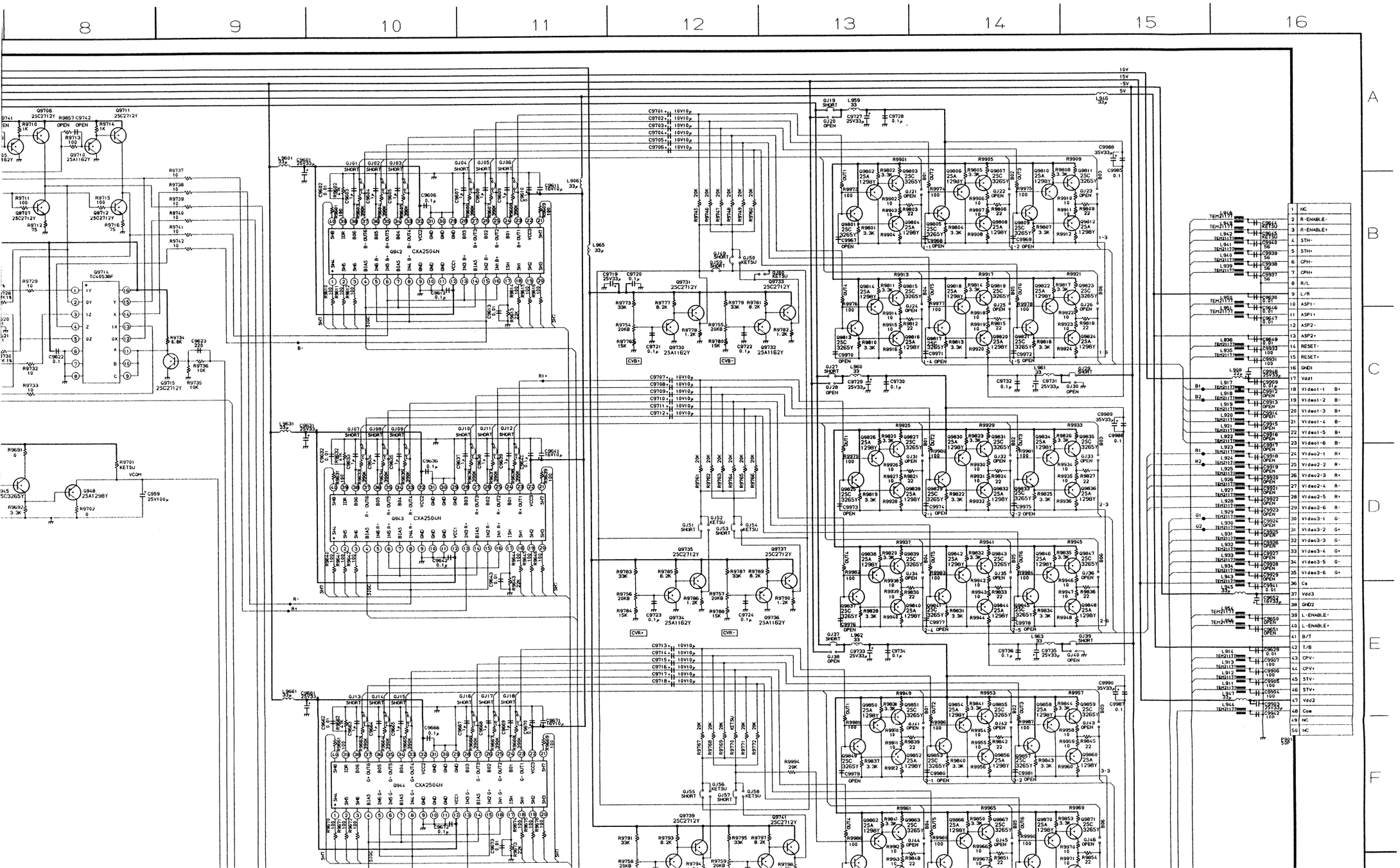

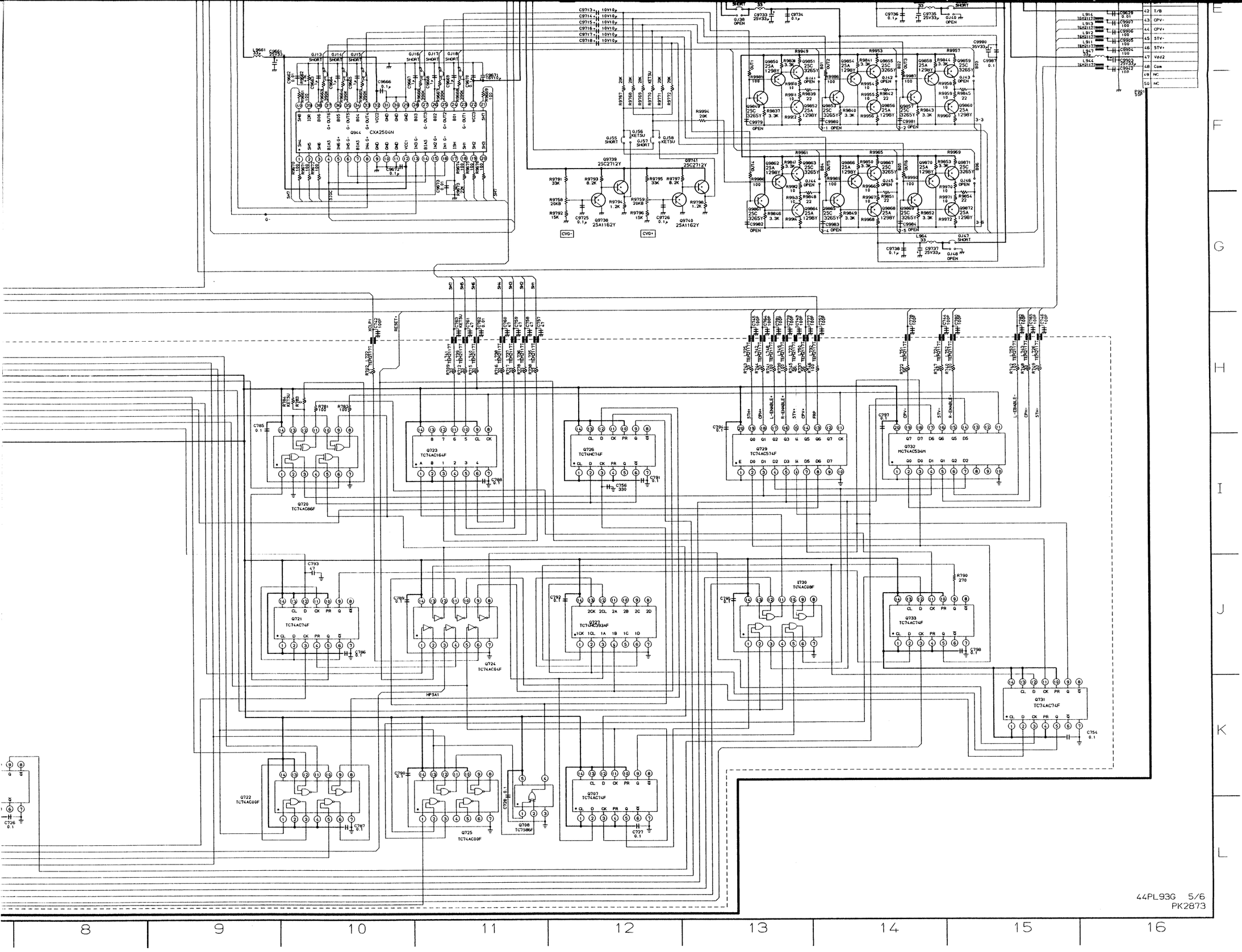

44PL93G 5/6
PK2873

8 9 10 11 12 13 14 15 16

E F G H I J K L

SCHEMATIC DIAGRAM MODEL : 44PL93G (6/6)

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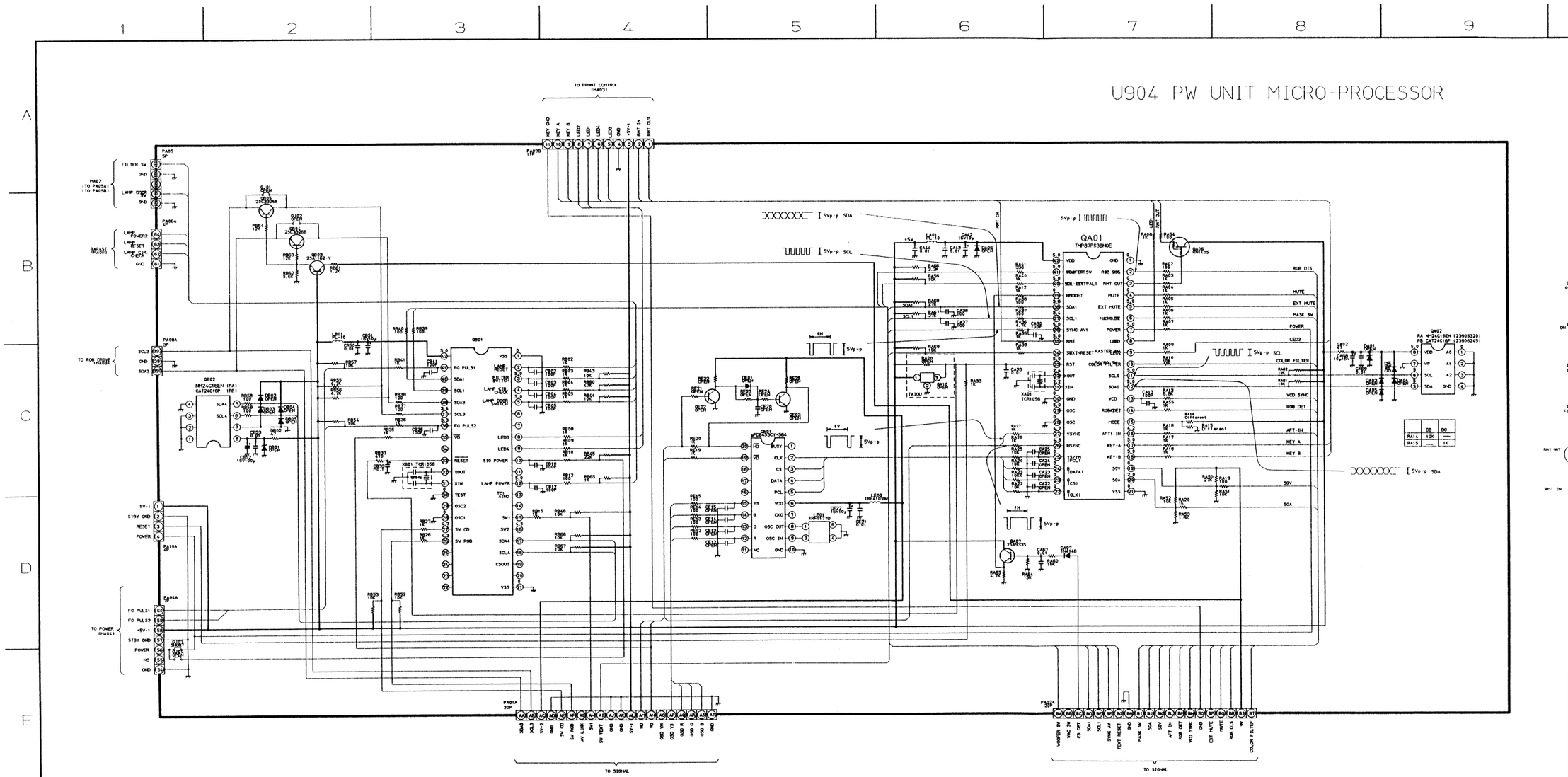
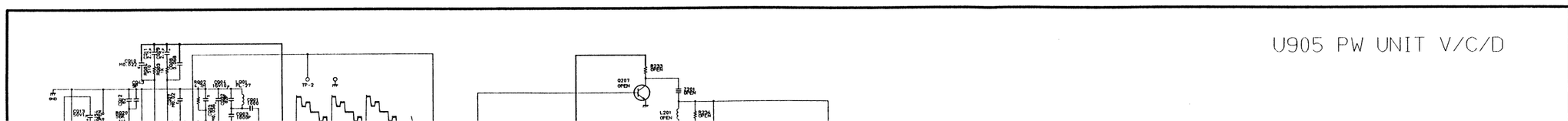
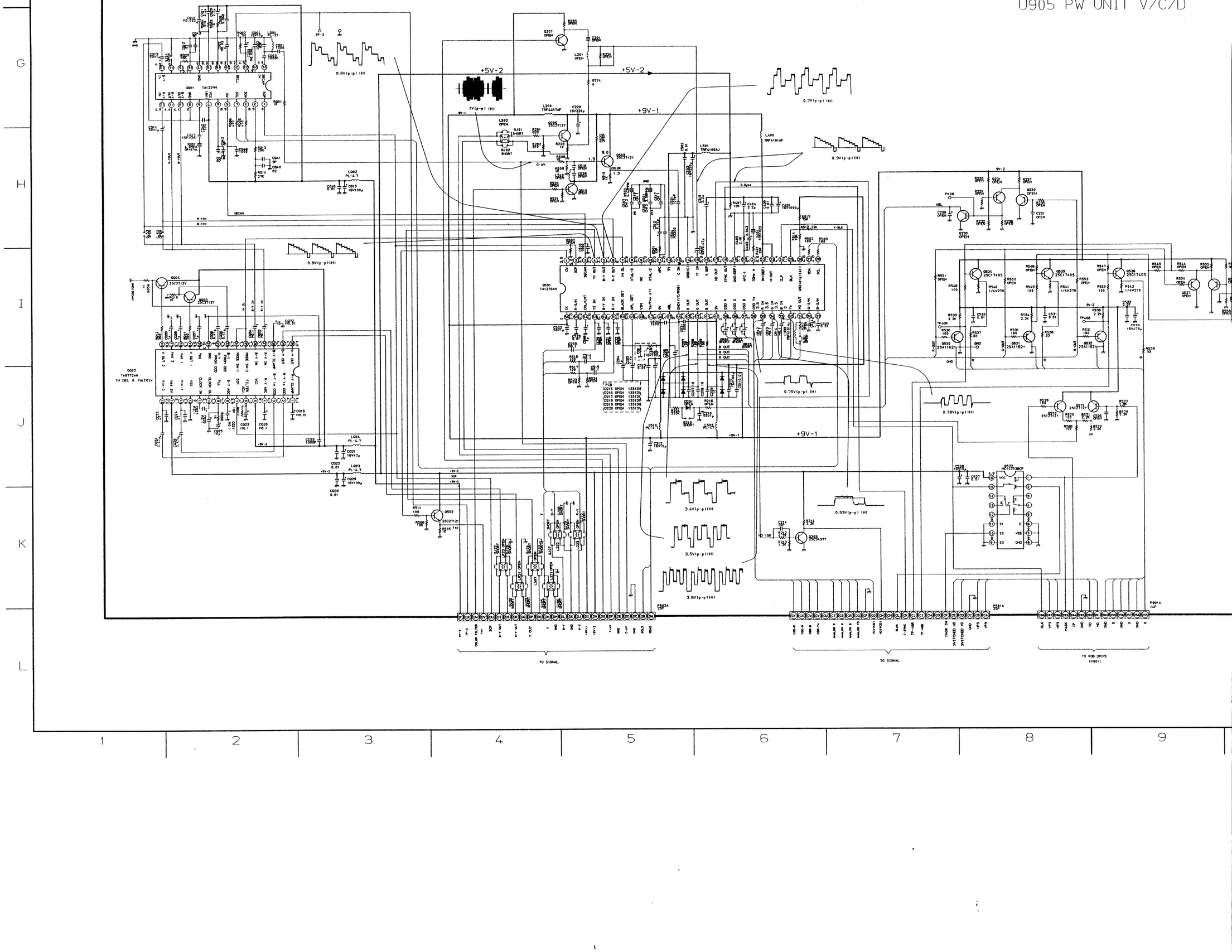




U905 PW UNIT V/C/D



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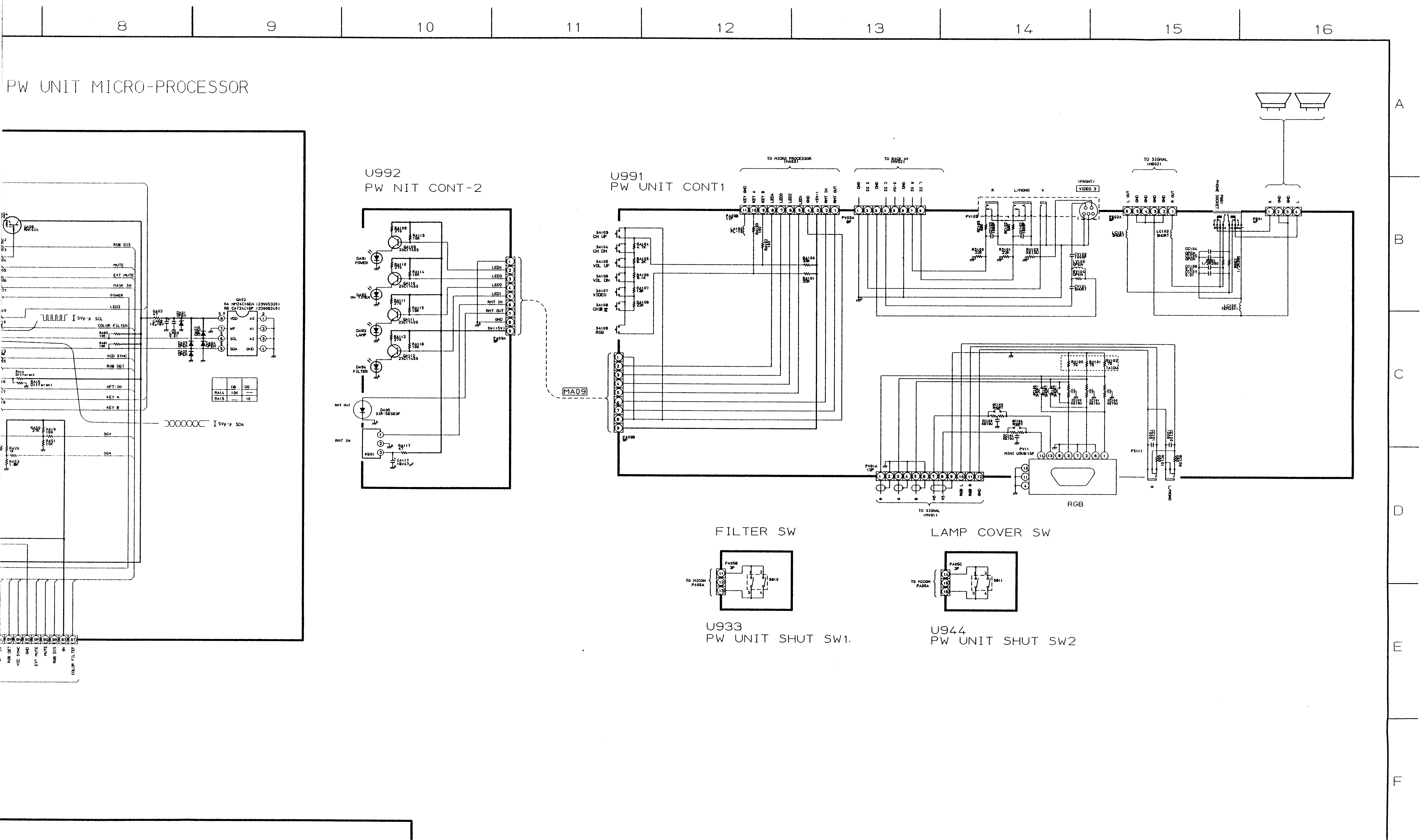
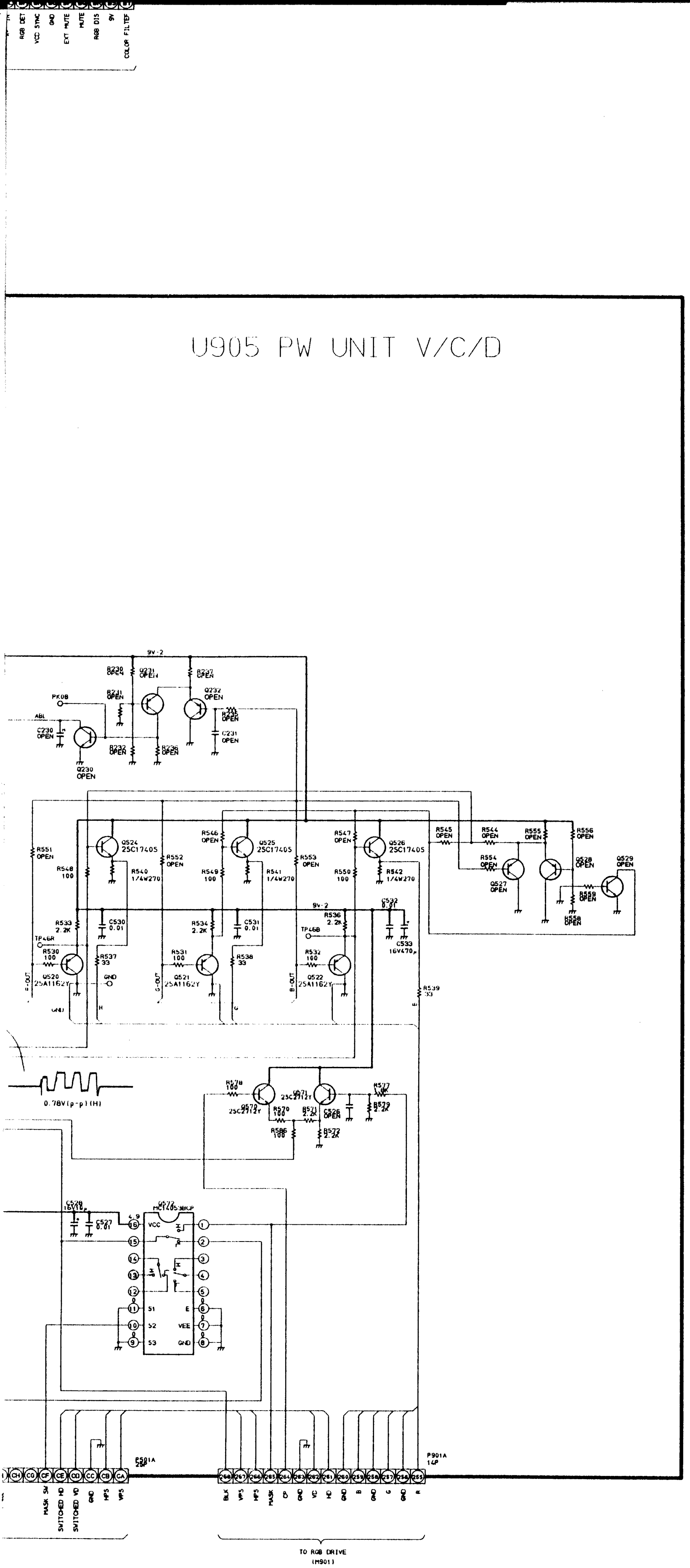
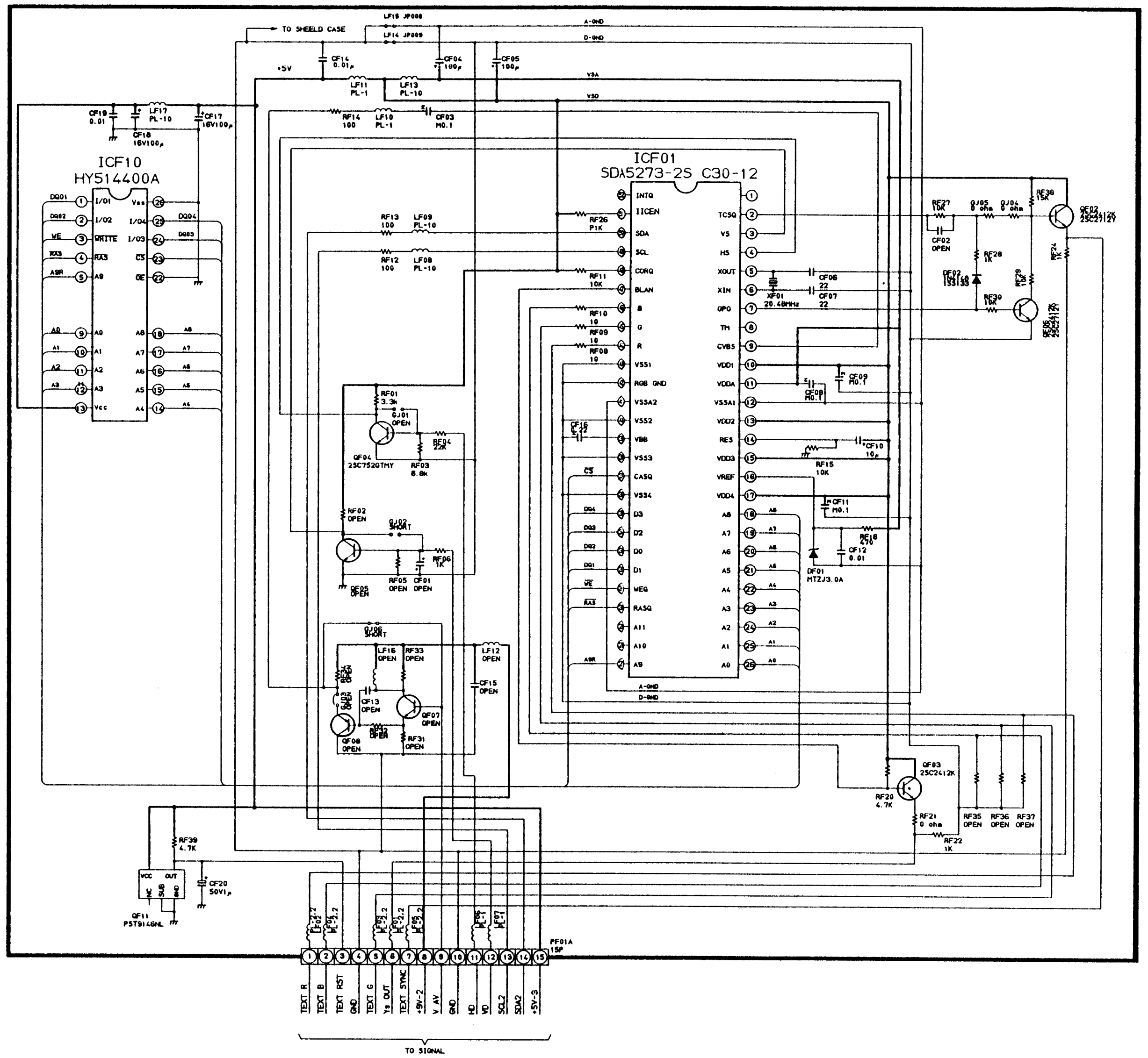


U905 PW UNIT V/C/D



RGB DET
VCC SYNC
GND
EXT MUTE
MUTE
RGB DIS
9V
COLOR FILTER
9V-2
Q520 2SA1162Y
Q521 2SA1162Y
Q522 2SA1162Y
Q524 2SC1740S
Q525 2SC1740S
Q526 2SC1740S
Q570 2SC2712Y
Q571 2SC2712Y
Q572 MC14053BCP
0.78V(p-p)(H)
P501A 25P
P901A 14P
MASK SW
SWITCHED HD
SWITCHED VD
BLK
MASK
TO RGB DRIVE
(M901)

U908 TEXT BOARD



TO SHEELD CASE
+5V
ICF10
HY514400A
ICF01
SDA5273-2S C30-12
XF01 20.48MHz
QF02 2SC2412K 2SC2712Y
QF03 2SC2412K
QF04 2SC752GTMY
QF11 PST9146NL
DF01 MTZJ3.0A
PF01A 15P
TEXT R
TEXT B
TEXT RST
GND
TEXT G
Ys OUT
TEXT SYNC
+9V-2
V AV
GND
HD
VD
SCL2
SDA2
+5V-3
TO SIGNAL

8 9 10 11 12 13 14 15 16

E F G H I J K L

SPECIFICATIONS

Receiving system/channels	CCIR (L-SECAM) TV Broadcast standard UHF: 21-69 VHF: B-C, 1-6, B-Q, 71-86 CCIR (B/G, D/K-PAL, SECAM) TV Broadcast standard UHF: 21-69 VHF: 2-4, 5-12, S1-S41 CCIR (I-PAL) TV Broadcast standard UHF: 21-69
Programme Positions	100
Power consumption	295 watts
Stereo	Nicam/MPX
Video Input	PAL, PAL 60 Hz. (Video disk playback), SECAM NTSC 3.58/4.43 MHz./50 Hz. NTSC (VTR playback)
Rear Input/Output	Scart-1 (Full-21 pin) RGB, AV
Rear Input/Output	Scart-2 (21 pin) AV, S-video, Selectable output
Rear Input/Output	Scart-3 (21 pin) AV, S-video, 4 pin S-video, RCA jack
Rear Fixed/Output	Audio L,R
Front input	Input 3 (4 pin S-video, AV and L,R audio, RCA jack), (Note: Front and Rear Input 3 are common) RGB input (640 × 480 VGA compatible)
External Woofer out	Bass Line out (Variable output)
Visible Screen Size (Measured diagonally)	Type 44 1100mm
Sound output (at 10% distortion)	14W + 14W rms
Dimensions	1061 mm (W) 1127 mm (H) 476 mm (D)
Weight	38 Kg
Headphone Socket	3.5 mm Stereo

* Please refer to owner's manual in detail.